

Converting Colors

XYZ(109.7535, 100.0000,
265.8222)

Have a look what the booklet for
XYZ(109.7535, 100.0000, 265.8222)
contains.

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Color

**XYZ(79.6210, 87.8832,
107.3744)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F6FF
RGB	217, 246, 255
RGB Percent	85%, 96%, 100%
CMY	0.1490, 0.0353, 0.0000
CMYK	0.15, 0.04, 0.00, 0.00
HSL	194°, 100%, 93%
HSV	194°, 15%, 100%
XYZ	79.6210, 87.8832, 107.3744
YIQ	238.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

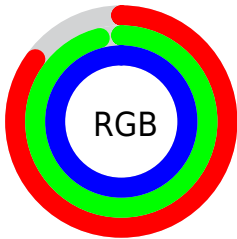
Format	Color
R_{YB}	217, 233, 255
Decimal	14284543
CIE Lab	95.11, -7.59, -7.50
CIE LCh	95, 10.671, 224.654
Yxy	87.8832, 0.2897, 0.3197
Android (android.graphics.Color)	4292474623 (0xFFD9F6FF)
YUV	238.3550, 8.2060, -18.7283
Hunter-Lab	93.7460, -12.4508, -2.2871

Details

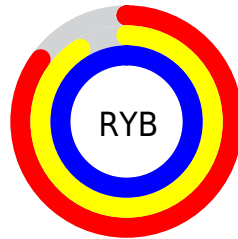
The XYZ color **79.6210, 87.8832, 107.3744** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.9603, 80.6611, 76.9493**, and the grayscale version is **81.4946, 85.7386, 93.3694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5068, 48.5855, 60.5110** is the 20% darker color. If you saturate the color by 10%, you get **70.8133, 80.6634, 106.4451**, and if you desaturate by 10%, it is **89.6641, 95.8332, 108.3796**.

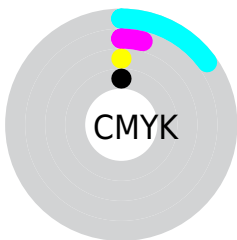
Distribution



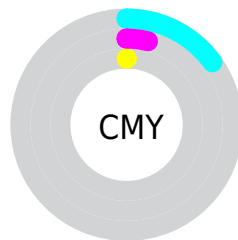
- Red (85%)
- Green (96%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6210, 87.8832, 107.3744 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.6210, 87.8832, 107.3744 by changing the saturation by 10% instead.

79.6210, 87.8832,
107.3744

79.6210, 87.8832,
107.3744

482.4107,
521.1207, 605.0332

59.7139, 66.2263,
81.8222

131.7861,
144.3945, 173.3949

43.4367, 48.4562,
60.6841

164.7748,
180.0178, 214.7003

30.4239, 34.1883,
43.5413

202.8547,
221.0653, 262.0939

20.3102, 23.0383,
29.9755

246.3913,
267.9215, 315.9942

12.7303, 14.6218,
19.5681

295.7498,
320.9707, 376.8197

7.3188, 8.5544,
11.9006

351.2956,

3.7104, 4.4517,

380.5974, 444.9890

6.5543

413.3941,
447.1859, 520.9207

■ 1.5396, 1.9293,
3.1108

■ 0.3526, 0.5659,
1.1515

■ 79.6210, 87.8832,
107.3744

■ 79.6210, 87.8832,
107.3744

■ 70.8133, 80.6634,
106.4451

■ 89.6641, 95.8332,
108.3796

■ 63.1799, 74.1344,
105.5872

95.0500, 100.0000,
108.9000

■ 56.6649, 68.2688,
104.7984

■ 51.2045, 63.0330,
104.0756

■ 46.7288, 58.3899,
103.4153

■ 43.1585, 54.2980,
102.8136

■ 40.4015, 50.7088,
102.2661

■ 38.3448, 47.5631,
101.7674

■ 37.4836, 46.0873,
101.5279

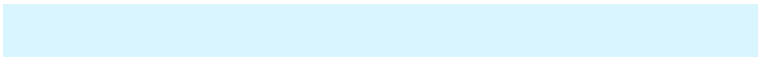
Harmonies

Analogous

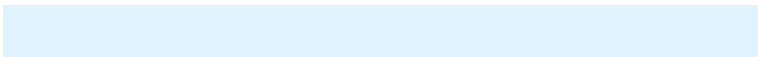
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2440, 87.8832, 99.7925



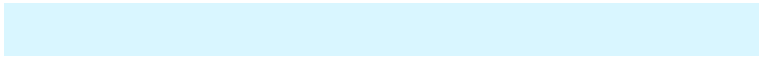
79.6210, 87.8832, 107.3744



82.0613, 87.8832, 111.9539

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6210, 87.8832, 107.3744



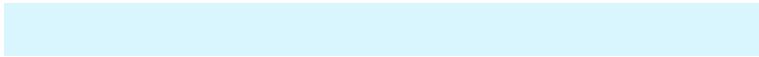
89.0314, 87.8832, 99.9846



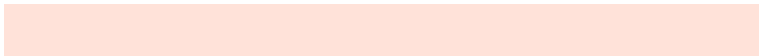
82.1258, 87.8832, 81.0378

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



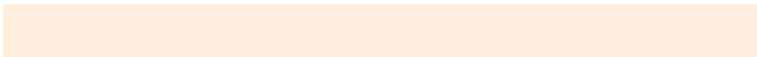
79.6210, 87.8832, 107.3744



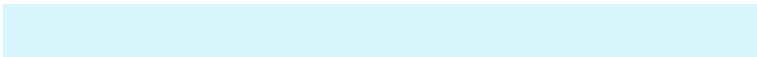
80.9603, 80.6611, 76.9493

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0168, 87.8832, 81.0826



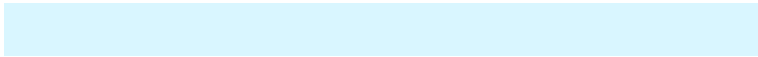
79.6210, 87.8832, 107.3744



89.0496, 87.8832, 91.7012

Square

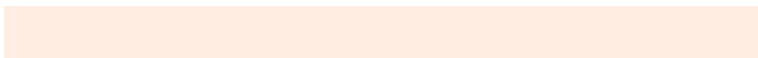
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



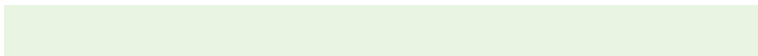
79.6210, 87.8832, 107.3744



87.5164, 87.8832, 107.5220



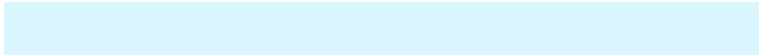
87.5656, 87.8832, 84.8853



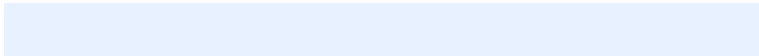
79.6672, 87.8832, 84.7592

Rectangle

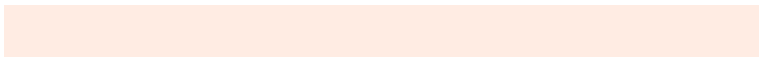
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



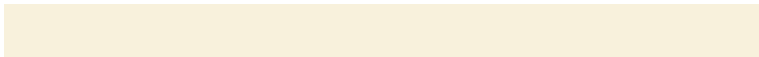
79.6210, 87.8832, 107.3744



83.9842, 87.8832, 112.5294



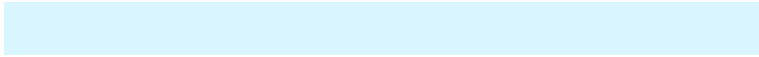
87.5656, 87.8832, 84.8853



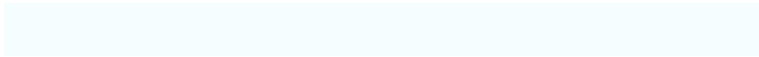
83.0781, 87.8832, 80.6201

Sweetspot

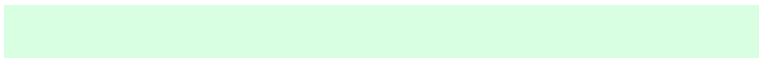
The Sweet Spot groups the original color and five complimentary colors.



79.6233, 87.8867, 107.3750



90.6310, 96.5856, 108.4739



78.0854, 91.7558, 85.4520



19.2258, 20.5387, 23.2010



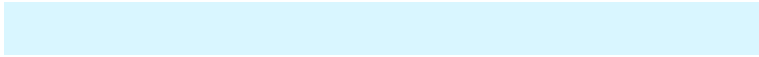
0.0000, 0.0000, 0.0000



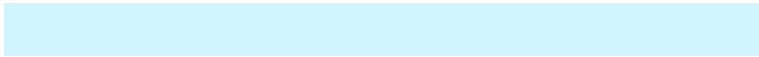
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6233, 87.8867, 107.3750



76.7640, 85.5722, 107.0789



74.1720, 76.9842, 105.5579



18.1690, 19.7097, 23.0967



19.7069, 24.3233, 53.0908



2.0024, 2.5355, 5.1971

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.6888, 77.5411, 97.8017



80.4146, 73.4498, 95.6340



86.3770, 91.4944, 78.7549



18.5980, 18.2225, 21.7660



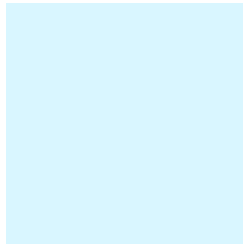
26.7353, 13.1834, 28.3203



2.6453, 1.3005, 2.9797

Previews

White Background



This preview shows how the XYZ color 79.6210, 87.8832, 107.3744 looks on a white background.

Color Contrast Check

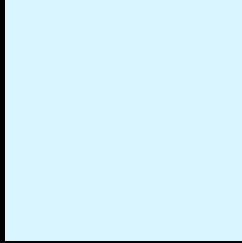
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.6210, 87.8832, 107.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

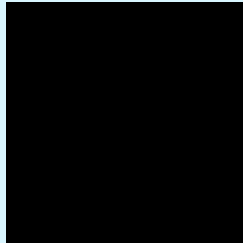
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

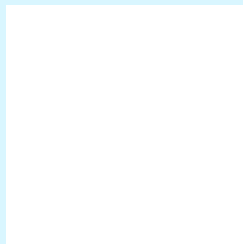
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6210, 87.8832, 107.3744

Background



This preview shows how black text looks on a background with the XYZ color 79.6210, 87.8832, 107.3744.



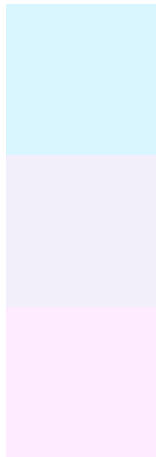
This preview shows how white text looks on a background with the XYZ color 79.6210, 87.8832,

107.3744.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.6210, 87.8832, 107.3744

Protanopia

84.8970, 87.5753, 103.6960

Deuteranopia

88.6314, 87.7075, 106.8656



Tritanopia

82.0955, 87.8152, 107.2309

Trichromacy



Original Color

79.6210, 87.8832, 107.3744

Protanomaly

82.9271, 87.8562, 104.6827

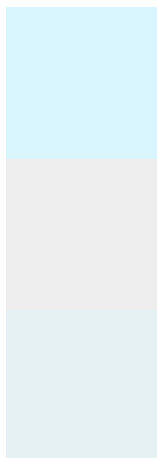
Deuteranomaly

85.1921, 87.6538, 107.0365

Tritanomaly

81.1412, 87.7687, 107.2722

Monochromacy



Original Color

79.6210, 87.8832, 107.3744

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4176, 86.2652, 98.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6210, 87.8832, 107.3744 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6210, 87.8832, 107.3744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 246, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 246, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6210, 87.8832, 107.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
246, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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