

Converting Colors

XYZ(113.8879, 104.5913,
287.8510)

Have a look what the booklet for
XYZ(113.8879, 104.5913, 287.8510)
contains.

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Color

**XYZ(79.7536, 91.1722,
108.0023)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FDFF
RGB	210, 253, 255
RGB Percent	82%, 99%, 100%
CMY	0.1765, 0.0078, 0.0000
CMYK	0.18, 0.01, 0.00, 0.00
HSL	183°, 100%, 91%
HSV	183°, 18%, 100%
XYZ	79.7536, 91.1722, 108.0023
YIQ	240.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

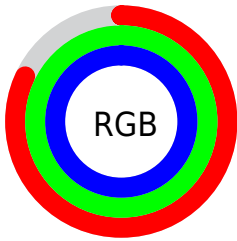
Format	Color
R _{YB}	210, 232, 255
Decimal	13827583
CIE _{Lab}	96.48, -13.23, -5.53
CIE _{LCh}	96, 14.339, 202.670
Y _{xy}	91.1722, 0.2859, 0.3269
Android (android.graphics.Color)	4292017663 (0xFFD2FDFF)
YUV	240.3710, 7.2121, -26.6354
Hunter-Lab	95.4841, -18.0042, -0.2241

Details

The XYZ color **79.7536, 91.1722, 108.0023** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4160, 72.9989, 71.0370**, and the grayscale version is **83.0770, 87.4035, 95.1824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4505, 50.5256, 60.8884** is the 20% darker color. If you saturate the color by 10%, you get **72.7088, 87.0147, 107.5711**, and if you desaturate by 10%, it is **87.9620, 95.9376, 108.4895**.

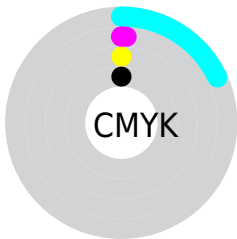
Distribution



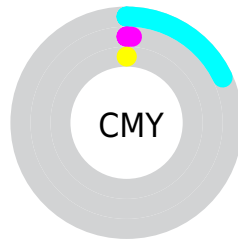
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7536, 91.1722, 108.0023 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 79.7536, 91.1722, 108.0023 by changing the saturation by 10% instead.

79.7536, 91.1722,
108.0023

79.7536, 91.1722,
108.0023

482.8513,
531.8366, 607.0198

59.8234, 68.9533,
82.3462

131.9716,
148.9656, 174.2589

43.5252, 50.6737,
61.1134

164.9901,
185.3088, 215.6965

30.4937, 35.9490,
43.8856

203.1020,
227.1289, 263.2317

20.3636, 24.3948,
30.2440

246.6728,
274.8103, 317.2829

12.7694, 15.6267,
19.7703

296.0678,
328.7374, 378.2688

7.3458, 9.2604,
12.0457

351.6523,

3.7276, 4.9114,

389.2945, 446.6079

6.6519

413.7916,
456.8662, 522.7187

■ 1.5492, 2.1954,
3.1703

■ 0.3589, 0.7175,
1.1822

■ 79.7536, 91.1722,
108.0023

■ 79.7536, 91.1722,
108.0023

■ 72.7088, 87.0147,
107.5711

■ 87.9620, 95.9376,
108.4895

■ 66.7659, 83.4259,
107.1916

95.0500, 100.0000,
108.9000

■ 61.8681, 80.3790,
106.8616

■ 57.9509, 77.8407,
106.5782

■ 54.9423, 75.7741,
106.3378

■ 52.7610, 74.1369,
106.1368

■ 51.3106, 72.8797,
105.9706

■ 50.4643, 71.9370,
105.8332

■ 50.3091, 71.7383,
105.8030

Harmonies

Analogous

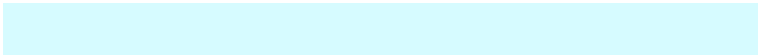
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2520, 91.1722, 96.4882



79.7536, 91.1722, 108.0023



82.0771, 91.1722, 117.8300

Triad

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



79.7536, 91.1722, 108.0023



92.9151, 91.1722, 113.2316



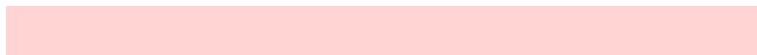
87.6411, 91.1722, 78.9935

Complementary

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



79.7536, 91.1722, 108.0023



76.4160, 72.9989, 71.0370

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.



91.4030, 91.1722, 82.7709



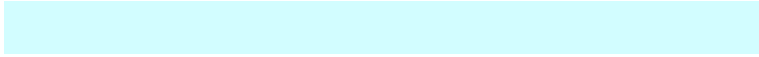
79.7536, 91.1722, 108.0023



94.5082, 91.1722, 102.1069

Square

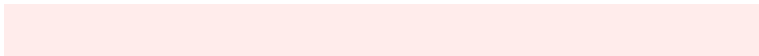
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7536, 91.1722, 108.0023



89.6538, 91.1722, 121.0075



93.9465, 91.1722, 91.0235



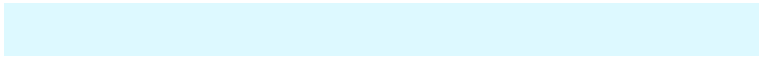
83.7266, 91.1722, 80.3071

Rectangle

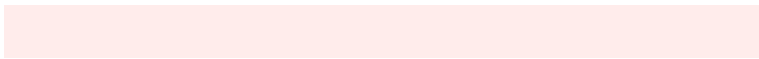
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7536, 91.1722, 108.0023



84.3863, 91.1722, 121.8100



93.9465, 91.1722, 91.0235



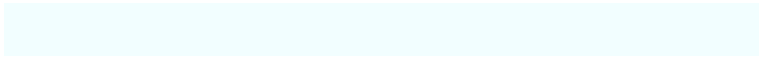
88.9669, 91.1722, 79.6994

Sweetspot

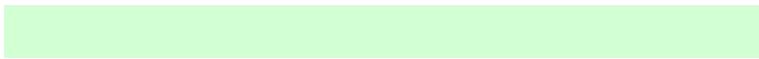
The Sweet Spot groups the original color and five complimentary colors.



79.7560, 91.1758, 108.0029



90.3338, 97.3014, 108.6277



74.1600, 89.9504, 75.4123



19.1985, 20.7481, 23.2429



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

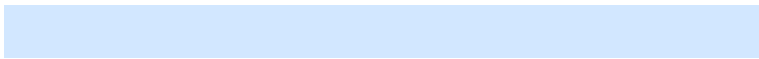
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7560, 91.1758, 108.0029



77.2659, 89.7146, 107.8521



73.2053, 78.0746, 105.8193



18.4818, 20.3352, 23.2009



26.3179, 37.5454, 55.2945



2.5830, 3.6967, 5.3907

Inverse Universe

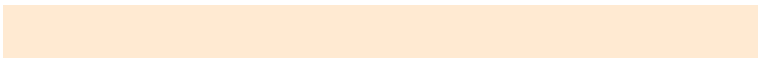
The Inverse Universe completely reimagines the original color for something new.



82.0177, 74.4466, 102.9797



79.9018, 70.3114, 101.9767



82.2963, 84.7596, 72.9971



18.7558, 18.2856, 22.5973



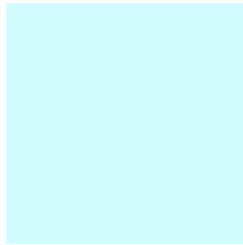
30.0723, 14.5182, 45.8925



2.9384, 1.4177, 4.5229

Previews

White Background



This preview shows how the XYZ color 79.7536, 91.1722, 108.0023 looks on a white background.

Color Contrast Check

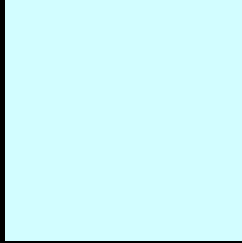
Large Text (above 18pt) WCAG AA × Fail

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 79.7536, 91.1722, 108.0023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

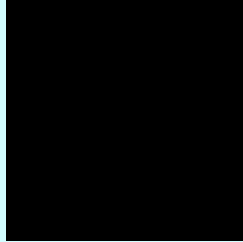
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7536, 91.1722, 108.0023

Background



This preview shows how black text looks on a background with the XYZ color 79.7536, 91.1722, 108.0023.

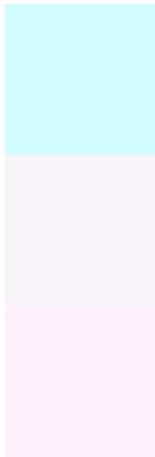


This preview shows how white text looks on a background with the XYZ color 79.7536, 91.1722,

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

79.7536, 91.1722, 108.0023

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

90.1297, 90.6720, 105.6796



Tritanopia

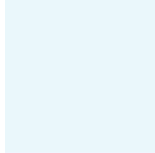
84.9150, 91.0652, 107.7096

Trichromacy



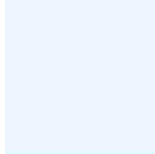
Original Color

79.7536, 91.1722, 108.0023



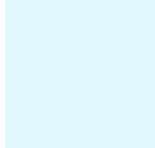
Protanomaly

84.6050, 90.9790, 104.3683



Deuteranomaly

86.1384, 90.8113, 106.7543



Tritanomaly

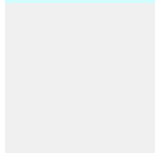
82.9770, 90.9789, 107.7951

Monochromacy



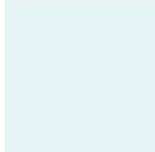
Original Color

79.7536, 91.1722, 108.0023



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

81.4469, 88.5554, 99.1864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7536, 91.1722, 108.0023 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(210, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 253, 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(210, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.7536, 91.1722, 108.0023 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(210, 253, 255) }
```


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

```
.border{ border-color:rgb(210, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7536, 91.1722, 108.0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 253, 255) }
```

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

```
.background{ background-color: rgb(210,  
253, 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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