

Converting Colors

XYZ(79.9005, 91.6052,
106.9868)

Have a look what the booklet for
XYZ(79.9005, 91.6052, 106.9868)
contains.

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Color

**XYZ(79.9095, 91.7410,
107.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FEFE
RGB	210, 254, 254
RGB Percent	82%, 100%, 100%
CMY	0.1765, 0.0039, 0.0039
CMYK	0.17, 0.00, 0.00, 0.00
HSL	180°, 96%, 91%
HSV	180°, 17%, 100%
XYZ	79.9095, 91.7410, 107.2620
YIQ	240.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

Format	Color
R _Y B	210, 232, 254
Decimal	13827838
CIE Lab	96.71, -13.93, -4.67
CIE LCh	97, 14.692, 198.524
Yxy	91.7410, 0.2865, 0.3289
Android (android.graphics.Color)	4292017918 (0xFFD2FEFE)
YUV	240.8440, 6.4859, -27.0502
Hunter-Lab	95.7815, -18.6970, 0.6505

Details

The XYZ color **79.9095, 91.7410, 107.2620** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5557, 71.8196, 70.8570**, and the grayscale version is **83.4540, 87.8001, 95.6143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5619, 50.9323, 60.3583** is the 20% darker color. If you saturate the color by 10%, you get **73.2445, 88.3075, 106.9503**, and if you desaturate by 10%, it is **87.7276, 95.7738, 107.6315**.

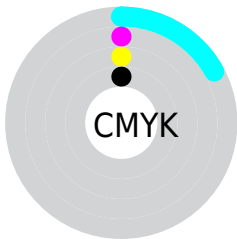
Distribution



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



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



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9095, 91.7410, 107.2620 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 79.9095, 91.7410, 107.2620 by changing the saturation by 10% instead.

79.9095, 91.7410,
107.2620

79.9095, 91.7410,
107.2620

483.3690,
533.6781, 604.6772

59.9521, 69.4255,
81.7285

132.1897,
149.7544, 173.2402

43.6293, 51.0583,
60.6072

165.2432,
186.2211, 214.5219

30.5759, 36.2550,
43.4798

203.3927,
228.1736, 261.8901

20.4263, 24.6312,
29.9275

247.0037,
275.9964, 315.7634

12.8154, 15.8025,
19.5320

296.4415,
330.0739, 376.5601

7.3777, 9.3845,
11.8746

352.0713,

3.7478, 4.9928,

390.7904, 444.6990

6.5369

414.2587,
458.5303, 520.5985

■ 1.5605, 2.2431,
3.1002

■ 0.3664, 0.7433,
1.1460

■ 79.9095, 91.7410,
107.2620

■ 79.9095, 91.7410,
107.2620

■ 73.2445, 88.3075,
106.9503

■ 87.7276, 95.7738,
107.6315

■ 67.6705, 85.4341,
106.6878

94.5738, 99.3030,
107.9536

■ 63.1320, 83.0944,
106.4737

94.5741, 99.3032,
107.9553

■ 59.5650, 81.2556,
106.3051

94.5744, 99.3033,
107.9570

■ 56.8988, 79.8811, 94.5747, 99.3034,
106.1786 107.9587

■ 55.0529, 78.9296, 94.5751, 99.3036,
106.0906 107.9604

■ 53.9327, 78.3522, 94.5754, 99.3037,
106.0365 107.9621

■ 53.4156, 78.0856, 94.5757, 99.3038,
106.0106 107.9638

■ 53.3305, 78.0417, 94.5760, 99.3040,
106.0061 107.9655

Harmonies

Analogous

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



79.6723, 91.7410, 95.4504



79.9095, 91.7410, 107.2620



82.0622, 91.7410, 117.8436

Triad

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



79.9095, 91.7410, 107.2620



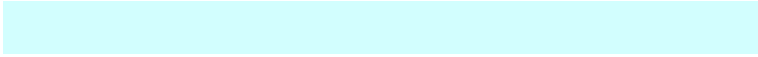
93.2591, 91.7410, 115.6586



88.7804, 91.7410, 79.2927

Complementary

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



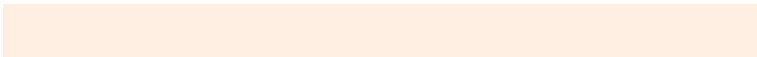
79.9095, 91.7410, 107.2620



75.5557, 71.8196, 70.8570

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.



92.5418, 91.7410, 83.8599



79.9095, 91.7410, 107.2620



95.1813, 91.7410, 104.4659

Square

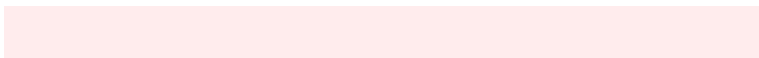
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



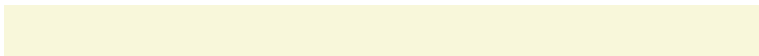
79.9095, 91.7410, 107.2620



89.7344, 91.7410, 122.9480



94.9148, 91.7410, 92.8644



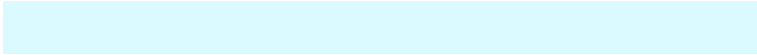
84.7080, 91.7410, 79.9123

Rectangle

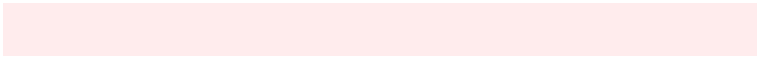
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



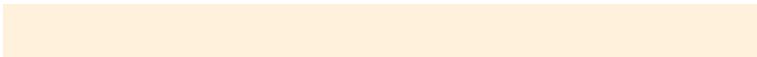
79.9095, 91.7410, 107.2620



84.3329, 91.7410, 122.4901



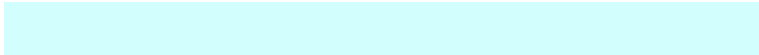
94.9148, 91.7410, 92.8644



90.1254, 91.7410, 80.2568

Sweetspot

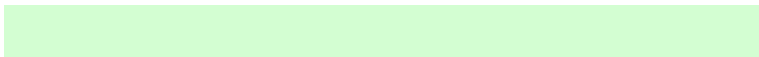
The Sweet Spot groups the original color and five complimentary colors.



79.9122, 91.7448, 107.2641



90.5137, 97.6614, 108.6869



73.8649, 89.3501, 74.3275



19.2425, 20.8359, 23.2573



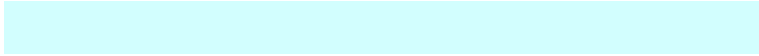
0.0000, 0.0000, 0.0000



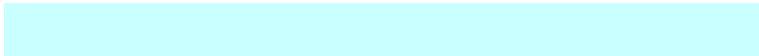
20.3446, 21.4041, 23.3091

Same Dimension

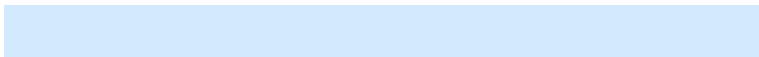
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9122, 91.7448, 107.2641



78.0179, 91.2197, 108.0993



73.5338, 78.9872, 105.1407



18.5549, 20.4815, 23.2250



28.1152, 41.1427, 55.8853



2.7375, 4.0059, 5.4415

Inverse Universe

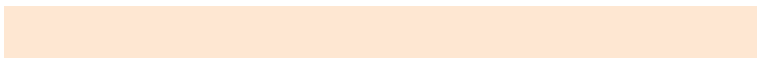
The Inverse Universe completely reimagines the original color for something new.



75.5557, 71.8196, 70.8570



72.8279, 67.4819, 64.7258



81.1598, 83.0284, 72.7228



18.0095, 17.9871, 18.6673



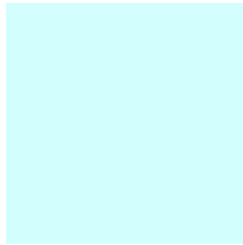
21.5489, 11.1088, 1.0089



2.0982, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 79.9095, 91.7410, 107.2620 looks on a white background.

Color Contrast Check

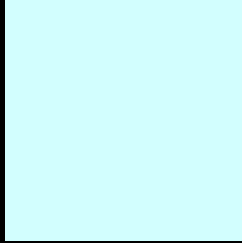
Large Text (above 18pt) WCAG AA × Fail

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 79.9095, 91.7410, 107.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

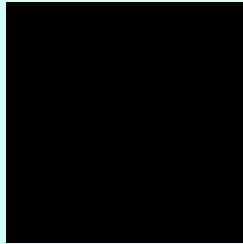
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

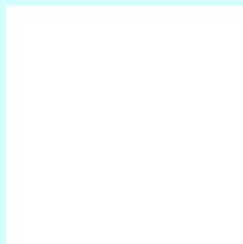
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9095, 91.7410, 107.2620

Background



This preview shows how black text looks on a background with the XYZ color 79.9095, 91.7410, 107.2620.



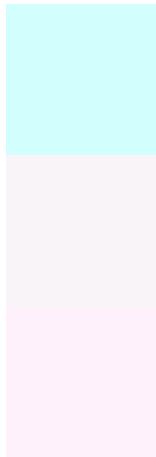
This preview shows how white text looks on a background with the XYZ color 79.9095, 91.7410,

107.2620.

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

79.9095, 91.7410, 107.2620

Protanopia

88.0054, 91.4351, 101.8173

Deuteranopia

90.2660, 91.1989, 104.9411



Tritanopia

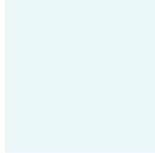
85.2424, 91.2340, 107.7249

Trichromacy



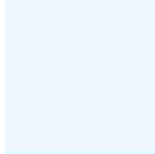
Original Color

79.9095, 91.7410, 107.2620



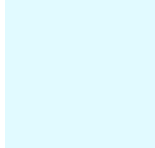
Protanomaly

84.7544, 91.5294, 103.6424



Deuteranomaly

86.2820, 91.3541, 106.0141



Tritanomaly

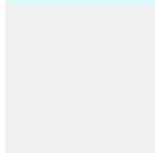
83.2869, 91.5988, 107.8984

Monochromacy



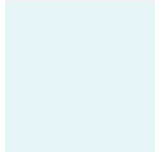
Original Color

79.9095, 91.7410, 107.2620



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

82.2234, 89.3883, 100.1088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9095, 91.7410, 107.2620 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, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 254, 254)  
}
```

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, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 79.9095, 91.7410, 107.2620 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, 254, 254) }
```


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

```
.border{ border-color:rgb(210, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9095, 91.7410, 107.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 254, 254) }
```

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

```
.background{ background-color: rgb(210,  
254, 254) }
```

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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