

Converting Colors

XYZ(81.0524, 94.5034,
105.6530)

Have a look what the booklet for
XYZ(81.0524, 94.5034, 105.6530)
contains.

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Color

**XYZ(79.9090, 92.2499,
105.6898)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFFC
RGB	210, 255, 252
RGB Percent	82%, 100%, 99%
CMY	0.1765, 0.0000, 0.0118
CMYK	0.18, 0.00, 0.01, 0.00
HSL	176°, 100%, 91%
HSV	176°, 18%, 100%
XYZ	79.9090, 92.2499, 105.6898
YIQ	241.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

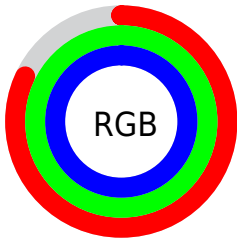
Format	Color
R _Y B	210, 233, 255
Decimal	13828092
CIE Lab	96.92, -14.83, -3.33
CIE LCh	97, 15.198, 192.663
Yxy	92.2499, 0.2876, 0.3320
Android (android.graphics.Color)	4292018172 (0xFFD2FFFC)
YUV	241.2030, 5.3229, -27.3650
Hunter-Lab	96.0468, -19.5735, 1.9901

Details

The XYZ color **79.9090, 92.2499, 105.6898** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2975, 72.1585, 72.8579**, and the grayscale version is **83.7427, 88.1038, 95.9450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5620, 51.2969, 59.2351** is the 20% darker color. If you saturate the color by 10%, you get **72.9506, 88.6936, 103.9662**, and if you desaturate by 10%, it is **88.0286, 96.4044, 107.4833**.

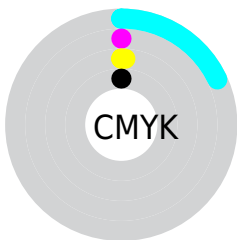
Distribution



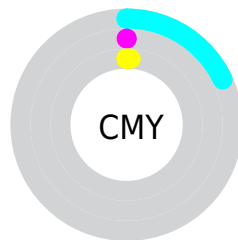
- Red (82%)
- Green (100%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9090, 92.2499, 105.6898 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 79.9090, 92.2499, 105.6898 by changing the saturation by 10% instead.


 79.9090, 92.2499,
105.6898

 79.9090, 92.2499,
105.6898


483.3673,
535.3228, 599.6865

 59.9517, 69.8482,
80.4175


132.1890,
150.4597, 171.0744

 43.6290, 51.4028,
59.5338


165.2424,
187.0366, 212.0237

 30.5756, 36.5293,
42.6201


203.3918,
229.1074, 259.0358

 20.4261, 24.8432,
29.2580

247.0026,
277.0564, 312.5292

 12.8152, 15.9603,
19.0288

296.4403,
331.2680, 372.9224

 7.3776, 9.4961,
11.5141

352.0700,

 3.7477, 5.0661,

392.1267, 440.6340

6.2952

414.2572,
460.0169, 516.0825

■ 1.5604, 2.2861,
2.9537

■ 0.3664, 0.7663,
1.0711

■ 79.9090, 92.2499,
105.6898

■ 79.9090, 92.2499,
105.6898

■ 72.9506, 88.6936,
103.9662

■ 88.0286, 96.4044,
107.4833

■ 67.0956, 85.7060,
102.3053

95.0500, 100.0000,
108.9000

■ 62.2861, 83.2570,
100.7058

■ 58.4574, 81.3134,
99.1647

■ 55.5378, 79.8381,
97.6786

■ 53.4455, 78.7892,
96.2436

■ 52.0846, 78.1169,
94.8552

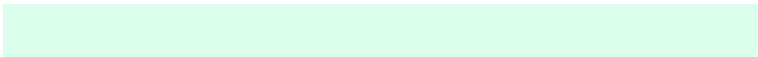
■ 51.3279, 77.7558,
93.5074

■ 51.1939, 77.6936,
93.1940

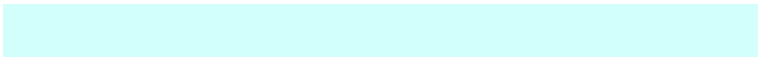
Harmonies

Analogous

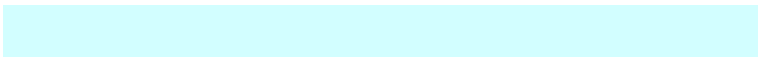
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0720, 92.2499, 93.5971



79.9090, 92.2499, 105.6898



81.7788, 92.2499, 117.2432

Triad

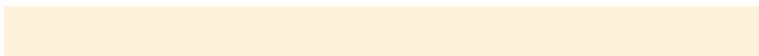
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9090, 92.2499, 105.6898



93.3654, 92.2499, 118.7531



90.1510, 92.2499, 79.6226

Complementary

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



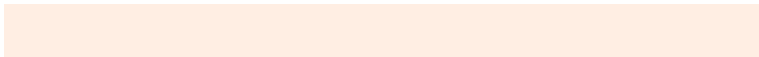
79.9090, 92.2499, 105.6898



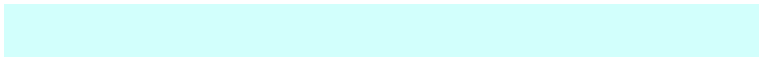
76.2975, 72.1585, 72.8579

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.



93.8600, 92.2499, 85.3322



79.9090, 92.2499, 105.6898



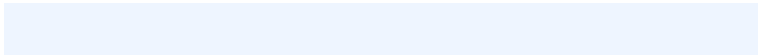
95.7568, 92.2499, 107.6179

Square

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



79.9090, 92.2499, 105.6898



89.4936, 92.2499, 125.1865



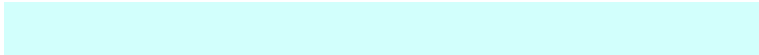
95.9408, 92.2499, 95.3756



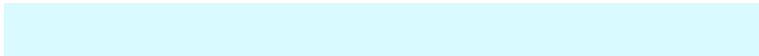
85.8925, 92.2499, 79.1982

Rectangle

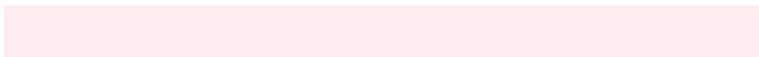
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9090, 92.2499, 105.6898



83.9630, 92.2499, 122.8220



95.9408, 92.2499, 95.3756



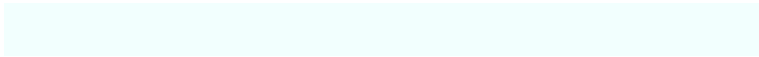
91.5067, 92.2499, 80.9647

Sweetspot

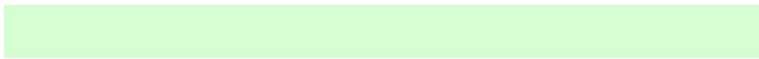
The Sweet Spot groups the original color and five complimentary colors.



79.9100, 92.2504, 105.6913



90.3773, 97.6069, 107.9689



74.8344, 90.3197, 74.4636



19.2092, 20.8226, 23.0821



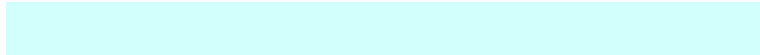
0.0000, 0.0000, 0.0000



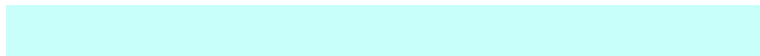
20.3446, 21.4041, 23.3091

Same Dimension

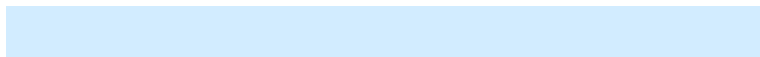
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9100, 92.2504, 105.6913



77.4493, 90.9923, 105.1054



74.4810, 80.6260, 106.2445



18.4995, 20.4593, 22.9335



26.7722, 40.6055, 48.8134



2.6218, 3.9597, 4.8324

Inverse Universe

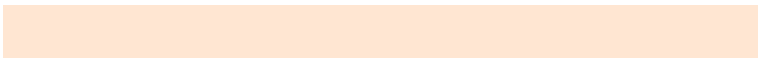
The Inverse Universe completely reimagines the original color for something new.



76.2975, 72.1585, 72.8579



73.2533, 67.6521, 66.9663



81.0314, 82.2297, 72.5754



18.0585, 18.0067, 18.9250



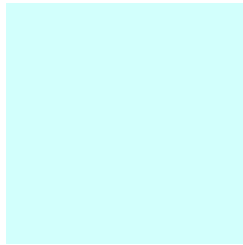
21.6198, 11.1372, 1.3824



2.1214, 1.0909, 0.2207

Previews

White Background



This preview shows how the XYZ color 79.9090, 92.2499, 105.6898 looks on a white background.

Color Contrast Check

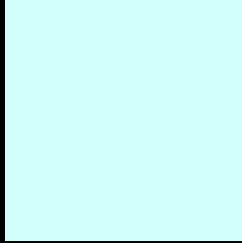
Large Text (above 18pt) WCAG AA × Fail

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 79.9090, 92.2499, 105.6898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

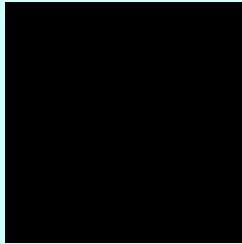
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9090, 92.2499, 105.6898

Background



This preview shows how black text looks on a background with the XYZ color 79.9090, 92.2499, 105.6898.



This preview shows how white text looks on a background with the XYZ color 79.9090, 92.2499,

Color Blindness Simulation

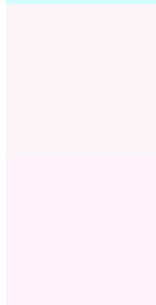
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.9090, 92.2499, 105.6898



Protanopia

88.4096, 91.6792, 100.2249

Deuteranopia

90.2474, 91.6664, 103.3793



Tritanopia

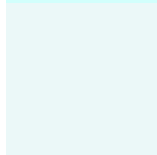
85.8784, 92.0170, 107.8425

Trichromacy



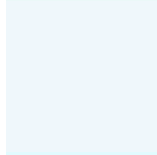
Original Color

79.9090, 92.2499, 105.6898



Protanomaly

84.7716, 91.5743, 102.0146



Deuteranomaly

86.2700, 91.8373, 104.4462



Tritanomaly

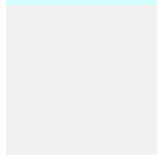
83.7506, 92.3189, 107.1711

Monochromacy



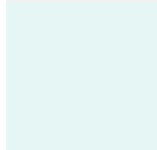
Original Color

79.9090, 92.2499, 105.6898



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

82.0703, 89.3271, 99.3025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9090, 92.2499, 105.6898 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, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 252)  
}
```

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, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.9090, 92.2499, 105.6898 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, 255, 252) }
```


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

```
.border{ border-color:rgb(210, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9090, 92.2499, 105.6898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 252) }
```

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

```
.background{ background-color: rgb(210,  
255, 252) }
```

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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