

Converting Colors

XYZ(72.2172, 81.6531, 95.9402)

Have a look what the booklet for
XYZ(72.2172, 81.6531, 95.9402)
contains.

XYZ(72.0889, 81.5684, 95.9492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.0889, 81.5684,
95.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF0F2
RGB	204, 240, 242
RGB Percent	80%, 94%, 95%
CMY	0.2000, 0.0588, 0.0510
CMYK	0.16, 0.01, 0.00, 0.05
HSL	183°, 59%, 87%
HSV	183°, 16%, 95%
XYZ	72.0889, 81.5684, 95.9492
YIQ	229.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

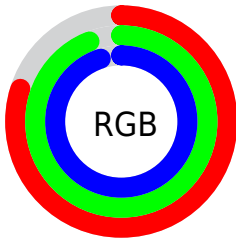
Format	Color
R_{YB}	204, 222, 242
Decimal	13431026
CIE _{Lab}	92.38, -11.19, -4.88
CIE _{LCh}	92, 12.208, 203.541
Yxy	81.5684, 0.2888, 0.3268
Android (android.graphics.Color)	4291621106 (0xFFCCCF0F2)
YUV	229.4640, 6.1802, -22.3319
Hunter-Lab	90.3152, -15.5744, 0.2321

Details

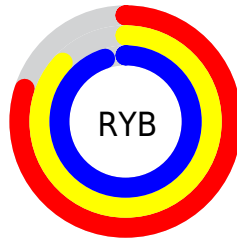
The XYZ color **72.0889, 81.5684, 95.9492** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5888, 67.3792, 66.4658**, and the grayscale version is **74.7874, 78.6821, 85.6848**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3978, 44.2157, 52.9651** is the 20% darker color. If you saturate the color by 10%, you get **65.5921, 77.6676, 95.5400**, and if you desaturate by 10%, it is **79.6236, 86.0125, 96.4112**.

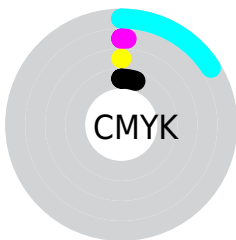
Distribution



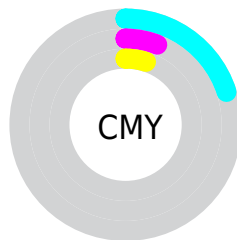
- Red (80%)
- Green (94%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0889, 81.5684, 95.9492 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 72.0889, 81.5684, 95.9492 by changing the saturation by 10% instead.

72.0889, 81.5684,
95.9492

72.0889, 81.5684,
95.9492

457.0038,
500.2029, 568.2611

53.5170, 61.0098,
72.3240

121.1930,
135.5686, 157.5822

38.4448, 44.2331,
52.9349

152.4560,
169.7790, 196.4270

26.5069, 30.8538,
37.3635

188.6800,
209.3088, 241.1821

17.3379, 20.4876,
25.1910

230.2305,
254.5424, 292.2661

10.5725, 12.7499,
15.9991

277.4728,
305.8643, 350.0974

5.8453, 7.2566,
9.3692

330.7722,

2.7910, 3.6231,

363.6587, 415.0947

4.8827

390.4941,
428.3101, 487.6764

■ 1.0442, 1.4650,
2.1211

■ 0.0000, 0.2639,
0.6283

■ 72.0889, 81.5684,
95.9492

■ 72.0889, 81.5684,
95.9492

■ 65.5921, 77.6676,
95.5400

■ 79.6236, 86.0125,
96.4112

■ 60.0788, 74.2755,
95.1758

■ 88.2335, 91.0126,
96.9225

■ 55.5000, 71.3691,
94.8562

■ 89.5637, 92.2638,
97.0939

■ 51.8001, 68.9196,
94.5784

■ 89.9472, 93.0308,
97.2217

■ 48.9173, 66.8952,
94.3396

■ 90.3334, 93.8032,
97.3505

■ 46.7818, 65.2599,
94.1365

■ 90.7223, 94.5809,
97.4801

■ 45.3122, 63.9718,
93.9653

■ 91.1138, 95.3639,
97.6106

■ 44.4079, 62.9789,
93.8213

■ 91.5079, 96.1522,
97.7420

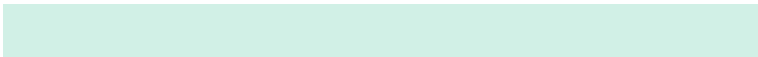
■ 44.1260, 62.6084,
93.7647

■ 91.9047, 96.9458,
97.8742

Harmonies

Analogous

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



71.6447, 81.5684, 86.8705



72.0889, 81.5684, 95.9492



73.9725, 81.5684, 103.5619

Triad

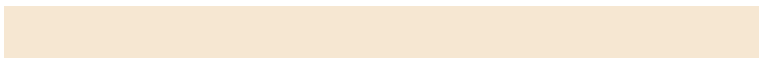
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0889, 81.5684, 95.9492



82.5199, 81.5684, 99.5642



78.2140, 81.5684, 72.6170

Complementary

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



72.0889, 81.5684, 95.9492



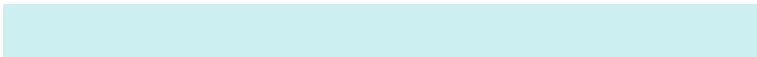
69.5888, 67.3792, 66.4658

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.



81.1963, 81.5684, 75.5374



72.0889, 81.5684, 95.9492



83.7256, 81.5684, 90.7865

Square

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



72.0889, 81.5684, 95.9492



79.9812, 81.5684, 105.7462



83.2347, 81.5684, 82.0418



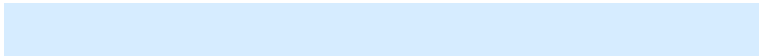
75.1261, 81.5684, 73.7934

Rectangle

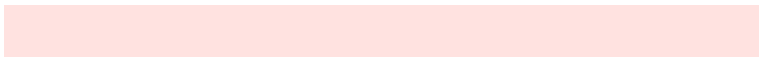
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



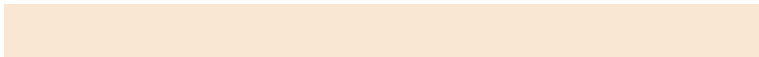
72.0889, 81.5684, 95.9492



75.8191, 81.5684, 106.5745



83.2347, 81.5684, 82.0418



79.2630, 81.5684, 73.1454

Sweetspot

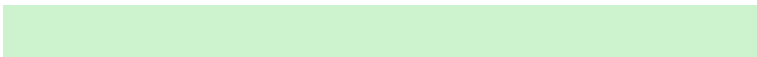
The Sweet Spot groups the original color and five complimentary colors.



72.0913, 81.5718, 95.9510



90.3005, 97.2348, 108.6166



67.7837, 80.7944, 70.3524



19.1904, 20.7318, 23.2401



0.0000, 0.0000, 0.0000



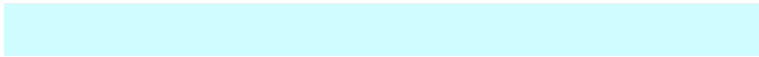
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0913, 81.5718, 95.9510



78.6099, 90.3272, 107.8995



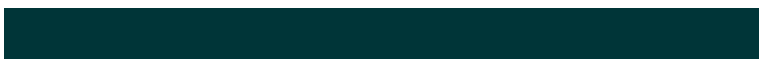
66.8130, 71.0153, 94.1916



16.1721, 17.7783, 20.3008



23.7369, 33.6981, 50.3812



1.9963, 2.8466, 4.1985

Inverse Universe

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



73.9408, 68.3558, 91.7390



81.0868, 72.7250, 102.2371



74.4165, 77.0346, 68.0750



16.4163, 16.0162, 19.7484



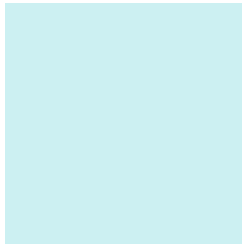
27.3069, 13.1952, 41.1284



2.2826, 1.1021, 3.4790

Previews

White Background



This preview shows how the XYZ color 72.0889, 81.5684, 95.9492 looks on a white background.

Color Contrast Check

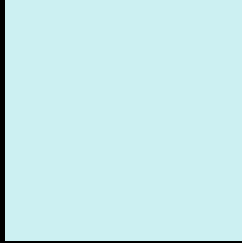
Large Text (above 18pt) WCAG AA × Fail

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 72.0889, 81.5684, 95.9492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

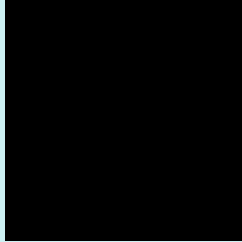
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0889, 81.5684, 95.9492

Background



This preview shows how black text looks on a background with the XYZ color 72.0889, 81.5684, 95.9492.



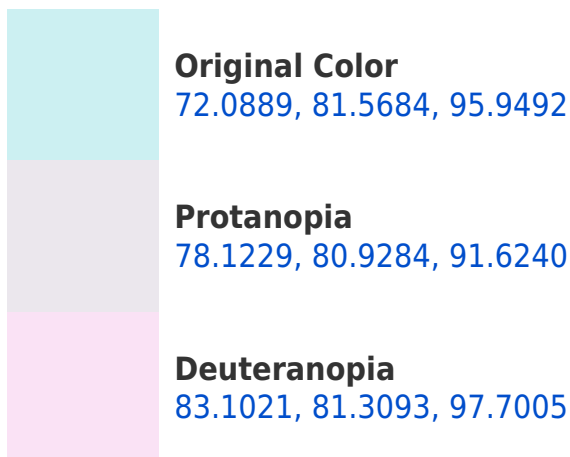
This preview shows how white text looks on a background with the XYZ color 72.0889, 81.5684,

95.9492.

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

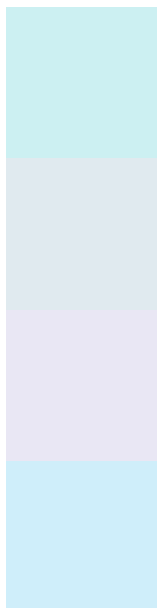




Tritanopia

74.6287, 81.3437, 106.3753

Trichromacy



Original Color

72.0889, 81.5684, 95.9492

Protanomaly

75.7433, 80.9249, 93.2893

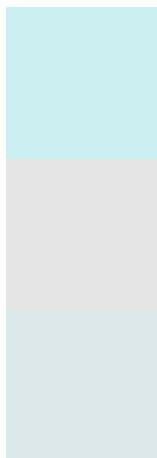
Deuteranomaly

78.5093, 81.0071, 97.0860

Tritanomaly

73.5620, 81.3166, 102.2610

Monochromacy



Original Color

72.0889, 81.5684, 95.9492

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.5054, 79.4340, 89.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0889, 81.5684, 95.9492 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(204, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 240, 242)  
}
```

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(204, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.0889, 81.5684, 95.9492 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(204, 240, 242) }
```


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

```
.border{ border-color:rgb(204, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0889, 81.5684, 95.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 240, 242) }
```

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

```
.background{ background-color: rgb(204,  
240, 242) }
```

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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