

Converting Colors

XYZ(55.2883, 58.0810, 71.7315)

Have a look what the booklet for
XYZ(55.2883, 58.0810, 71.7315)
contains.

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Color

**XYZ(55.2724, 58.0977,
71.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C9D6
RGB	194, 201, 214
RGB Percent	76%, 79%, 84%
CMY	0.2392, 0.2117, 0.1608
CMYK	0.09, 0.06, 0.00, 0.16
HSL	219°, 20%, 80%
HSV	219°, 9%, 84%
XYZ	55.2724, 58.0977, 71.9191
YIQ	200.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

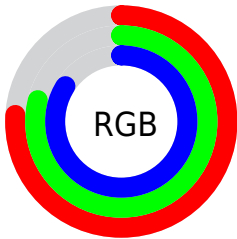
Format	Color
R_{YB}	194, 199, 214
Decimal	12765654
CIE Lab	80.79, 0.13, -7.29
CIE LCh	81, 7.294, 271.034
Yxy	58.0977, 0.2983, 0.3136
Android (android.graphics.Color)	4290955734 (0xFFC2C9D6)
YUV	200.3890, 6.7102, -5.6032
Hunter-Lab	76.2218, -3.9487, -2.5878

Details

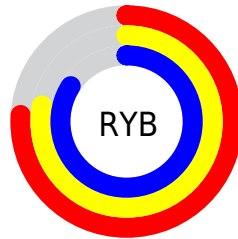
The XYZ color **55.2724, 58.0977, 71.9191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7822, 62.8164, 60.0139**, and the grayscale version is **55.1045, 57.9742, 63.1340**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.5069, 28.9461, 36.9383** is the 20% darker color. If you saturate the color by 10%, you get **47.0745, 49.2762, 70.6494**, and if you desaturate by 10%, it is **64.5582, 67.9189, 73.3263**.

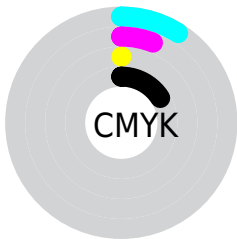
Distribution



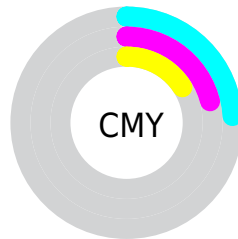
- Red (76%)
- Green (79%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2724, 58.0977, 71.9191 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 55.2724, 58.0977, 71.9191 by changing the saturation by 10% instead.

■ 55.2724, 58.0977,
71.9191

■ 55.2724, 58.0977,
71.9191

397.0633,
417.5499, 486.2299

■ 39.8546, 41.8872,
52.6062

■ 97.0859, 102.0651,
123.6482

■ 27.6089, 29.0130,
37.1029

124.2124,
130.5908, 156.9014

■ 18.1700, 19.0906,
24.9908

155.9724,
163.9904, 195.6384

■ 11.1725, 11.7358,
15.8512

192.7313,
202.6482, 240.2778

■ 6.2511, 6.5640,
9.2657

234.8545,
246.9487, 291.2381

■ 3.0405, 3.1910,
4.8157

282.7073,

■ 1.1752, 1.2322,

297.2762, 348.9379

2.0827

336.6551,
354.0151, 413.7956

■ 0.0867, 0.0878,
0.6054

■ 0.0000, 0.0000,
0.0000

■ 55.2724, 58.0977,
71.9191

■ 55.2724, 58.0977,
71.9191

■ 47.0745, 49.2762,
70.6494

■ 64.5582, 67.9189,
73.3263

■ 39.9179, 41.4141,
69.5090

■ 74.9659, 78.7637,
74.8710

■ 33.7603, 34.4793,
68.4950

■ 85.3462, 90.0520,
76.5027

■ 28.5542, 28.4348,
67.6027

■ 89.1378, 97.6351,
77.7666

■ 24.2480, 23.2406,
66.8271

■ 20.7849, 18.8538,
66.1629

■ 18.1009, 15.2267,
65.6042

■ 16.1217, 12.3051,
65.1446

■ 14.7289, 10.0114,
64.7753

Harmonies

Analogous

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



53.8294, 58.0977, 70.7963



55.2724, 58.0977, 71.9191



56.7267, 58.0977, 70.6350

Triad

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



55.2724, 58.0977, 71.9191



57.7391, 58.0977, 59.0781



52.7248, 58.0977, 59.3261

Complementary

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



55.2724, 58.0977, 71.9191



59.7822, 62.8164, 60.0139

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.



53.7405, 58.0977, 56.4143



55.2724, 58.0977, 71.9191



56.6346, 58.0977, 56.2758

Square

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



55.2724, 58.0977, 71.9191



58.1667, 58.0977, 63.1090



55.1679, 58.0977, 55.3227



52.3748, 58.0977, 63.4083

Rectangle

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



55.2724, 58.0977, 71.9191



57.5027, 58.0977, 68.6191



55.1679, 58.0977, 55.3227



52.9988, 58.0977, 58.1846

Sweetspot

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



55.2741, 58.1001, 71.9204



90.7258, 95.4469, 108.2491



57.5174, 64.0521, 68.1508



19.1772, 20.1741, 23.1332



0.0000, 0.0000, 0.0000



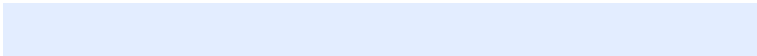
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2741, 58.1001, 71.9204



79.9309, 83.9790, 106.6045



54.3692, 55.2651, 71.4209



12.0947, 12.7129, 15.7539



8.9430, 6.1478, 39.1684



0.6159, 0.5237, 2.3879

Inverse Universe

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



57.5673, 57.0980, 63.2481



83.9481, 82.2719, 91.4015



60.7447, 65.8873, 60.5559



12.6010, 12.4919, 13.8392



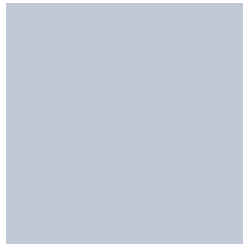
17.5729, 8.9655, 5.0548



1.0985, 0.5562, 0.5081

Previews

White Background



This preview shows how the XYZ color 55.2724, 58.0977, 71.9191 looks on a white background.

Color Contrast Check

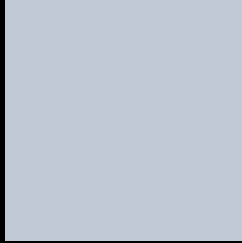
Large Text (above 18pt) WCAG AA × Fail

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 55.2724, 58.0977, 71.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

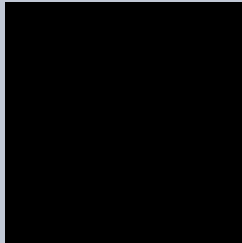
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

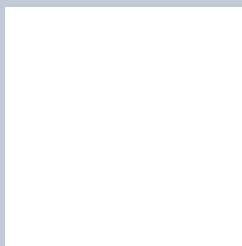
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2724, 58.0977, 71.9191

Background



This preview shows how black text looks on a background with the XYZ color 55.2724, 58.0977, 71.9191.

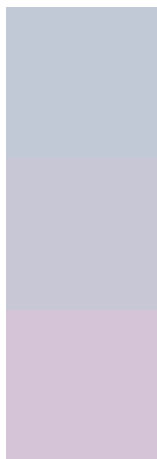


This preview shows how white text looks on a background with the XYZ color 55.2724, 58.0977,

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

55.2724, 58.0977, 71.9191

Protanopia

56.2531, 57.9303, 71.1676

Deuteranopia

59.2214, 58.0826, 72.3797



Tritanopia

55.5294, 58.2005, 73.2728

Trichromacy



Original Color

55.2724, 58.0977, 71.9191

Protanomaly

55.9532, 58.1184, 71.2197

Deuteranomaly

57.6856, 57.9606, 72.4371

Tritanomaly

55.4005, 58.1489, 72.5939

Monochromacy



Original Color

55.2724, 58.0977, 71.9191

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9624, 57.7221, 66.0023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2724, 58.0977, 71.9191 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(194, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 214)  
}
```

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(194, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.2724, 58.0977, 71.9191 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(194, 201, 214) }
```


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

```
.border{ border-color:rgb(194, 201, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2724, 58.0977, 71.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 214) }
```

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

```
.background{ background-color: rgb(194,  
201, 214) }
```

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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