

Converting Colors

XYZ(55.2732, 58.0006, 71.5290)

Have a look what the booklet for
XYZ(55.2732, 58.0006, 71.5290)
contains.

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Color

**XYZ(55.4026, 58.1795,
71.2605)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C9D5
RGB	195, 201, 213
RGB Percent	76%, 79%, 84%
CMY	0.2353, 0.2117, 0.1647
CMYK	0.08, 0.06, 0.00, 0.16
HSL	220°, 18%, 80%
HSV	220°, 8%, 84%
XYZ	55.4026, 58.1795, 71.2605
YIQ	200.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

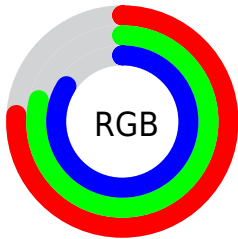
Format	Color
R_{YB}	195, 200, 213
Decimal	12831189
CIE Lab	80.84, 0.26, -6.68
CIE LCh	81, 6.686, 272.257
Yxy	58.1795, 0.2997, 0.3148
Android (android.graphics.Color)	4291021269 (0xFFC3C9D5)
YUV	200.5740, 6.1260, -4.8884
Hunter-Lab	76.2755, -3.8289, -1.9989

Details

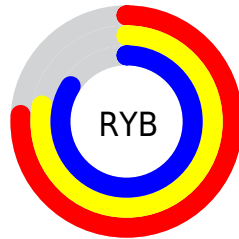
The XYZ color **55.4026, 58.1795, 71.2605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6040, 62.7115, 60.5940**, and the grayscale version is **55.2218, 58.0976, 63.2683**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.5898, 28.9988, 36.4909** is the 20% darker color. If you saturate the color by 10%, you get **47.1292, 49.2278, 69.9696**, and if you desaturate by 10%, it is **64.7704, 68.1526, 72.6927**.

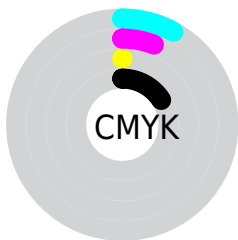
Distribution



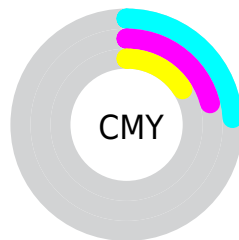
- Red (76%)
- Green (79%)
- Blue (84%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4026, 58.1795, 71.2605 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 55.4026, 58.1795, 71.2605 by changing the saturation by 10% instead.

■ 55.4026, 58.1795,
71.2605

■ 55.4026, 58.1795,
71.2605

397.5479,
417.8545, 483.8717

■ 39.9593, 41.9530,
52.0717

97.2755, 102.1842,
122.7025

■ 27.6909, 29.0645,
36.6796

124.4357,
130.7312, 155.7927

■ 18.2320, 19.1296,
24.6657

156.2323,
164.1537, 194.3539

■ 11.2174, 11.7640,
15.6114

193.0306,
202.8363, 238.8044

■ 6.2816, 6.5832,
9.0982

235.1959,
247.1633, 289.5630

■ 3.0593, 3.2028,
4.7076

283.0937,

■ 1.1852, 1.2385,

297.5190, 347.0480

2.0210

337.0892,
354.2880, 411.6781

■ 0.0947, 0.0928,
0.5682

■ 0.0000, 0.0000,
0.0000

■ 55.4026, 58.1795,
71.2605

■ 55.4026, 58.1795,
71.2605

■ 47.1292, 49.2278,
69.9696

■ 64.7704, 68.1526,
72.6927

■ 39.9037, 41.2566,
68.8118

■ 75.2664, 79.1716,
74.2664

■ 33.6839, 34.2330,
67.7840

■ 85.4793, 90.5219,
75.9189

■ 28.4224, 28.1190,
66.8812

■ 89.0104, 97.5842,
77.0959

■ 24.0680, 22.8743,
66.0983

■ 20.5641, 18.4549,
65.4300

■ 17.8475, 14.8124,
64.8701

■ 15.8447, 11.8922,
64.4120

■ 14.4497, 9.6214,
64.0472

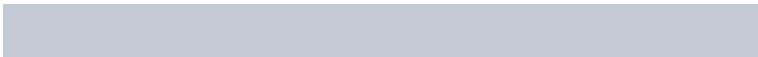
Harmonies

Analogous

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



54.0701, 58.1795, 70.3248



55.4026, 58.1795, 71.2605



56.7283, 58.1795, 70.0039

Triad

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



55.4026, 58.1795, 71.2605



57.5757, 58.1795, 59.3719



52.9792, 58.1795, 59.8705

Complementary

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



55.4026, 58.1795, 71.2605



59.6040, 62.7115, 60.5940

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.



53.8917, 58.1795, 57.1272



55.4026, 58.1795, 71.2605



56.5441, 58.1795, 56.8479

Square

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



55.4026, 58.1795, 71.2605



57.9959, 58.1795, 63.0483



55.1933, 58.1795, 56.0433



52.6849, 58.1795, 63.6478

Rectangle

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



55.4026, 58.1795, 71.2605



57.4259, 58.1795, 68.1212



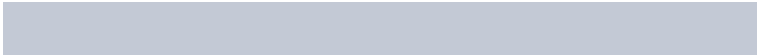
55.1933, 58.1795, 56.0433



53.2230, 58.1795, 58.8024

Sweetspot

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



55.4043, 58.1820, 71.2618



90.6862, 95.3677, 108.2359



57.5268, 63.6819, 68.1002



19.1665, 20.1528, 23.1296



0.0000, 0.0000, 0.0000



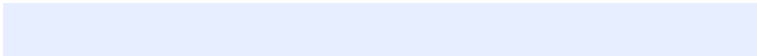
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4043, 58.1820, 71.2618



81.0986, 85.1118, 106.7616



54.7361, 55.8005, 70.8373



12.0776, 12.6786, 15.7482



8.7984, 5.8586, 39.1202



0.6057, 0.5035, 2.3846

Inverse Universe

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



57.4996, 57.3947, 63.3089



84.8311, 83.7490, 92.5862



60.3094, 65.2753, 61.0516



12.5924, 12.4884, 13.7937



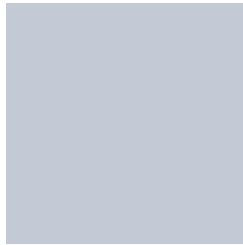
17.4999, 8.9363, 4.6704



1.0934, 0.5542, 0.4812

Previews

White Background



This preview shows how the XYZ color 55.4026, 58.1795, 71.2605 looks on a white background.

Color Contrast Check

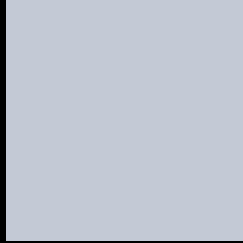
Large Text (above 18pt) WCAG AA × Fail

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 55.4026, 58.1795, 71.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

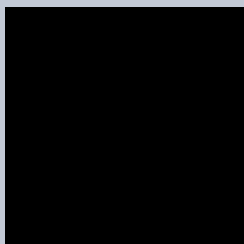
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

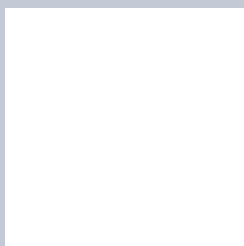
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4026, 58.1795, 71.2605

Background



This preview shows how black text looks on a background with the XYZ color 55.4026, 58.1795, 71.2605.

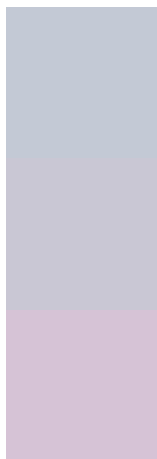


This preview shows how white text looks on a background with the XYZ color 55.4026, 58.1795,

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

55.4026, 58.1795, 71.2605

Protanopia

56.3945, 58.0178, 70.5136

Deuteranopia

59.3843, 58.1814, 71.7186



Tritanopia

55.8139, 58.0022, 73.2196

Trichromacy



Original Color

55.4026, 58.1795, 71.2605

Protanomaly

56.0911, 58.2041, 70.5656

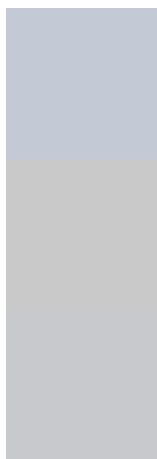
Deuteranomaly

57.8360, 58.0529, 71.7754

Tritanomaly

55.6850, 57.9506, 72.5407

Monochromacy



Original Color

55.4026, 58.1795, 71.2605

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4593, 58.3232, 66.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4026, 58.1795, 71.2605 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(195, 201, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 213)  
}
```

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(195, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.4026, 58.1795, 71.2605 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(195, 201, 213) }
```


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

```
.border{ border-color:rgb(195, 201, 213) }
```

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

Here you see how a box with a 4 pixel rgb(195, 201, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4026, 58.1795, 71.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 213) }
```

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

```
.background{ background-color: rgb(195,  
201, 213) }
```

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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