

Converting Colors

XYZ(55.1310, 56.1297, 70.6379)

Have a look what the booklet for
XYZ(55.1310, 56.1297, 70.6379)
contains.

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Color

**XYZ(55.0785, 55.9764,
70.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C3D5
RGB	199, 195, 213
RGB Percent	78%, 76%, 84%
CMY	0.2196, 0.2353, 0.1647
CMYK	0.07, 0.08, 0.00, 0.16
HSL	253°, 18%, 80%
HSV	253°, 8%, 84%
XYZ	55.0785, 55.9764, 70.8524
YIQ	198.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

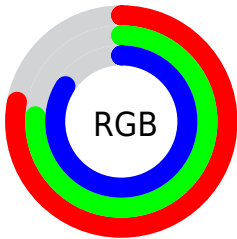
Format	Color
R_{YB}	199, 195, 213
Decimal	13091797
CIE _{Lab}	79.60, 4.78, -8.48
CIE _{LCh}	80, 9.739, 299.419
Yxy	55.9764, 0.3028, 0.3077
Android (android.graphics.Color)	4291281877 (0xFFC7C3D5)
YUV	198.2480, 7.2727, 0.6595
Hunter-Lab	74.8174, 0.4764, -3.7757

Details

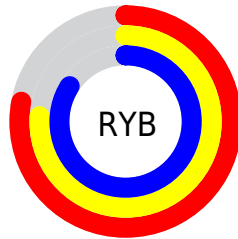
The XYZ color **55.0785, 55.9764, 70.8524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9412, 65.0855, 61.0360**, and the grayscale version is **53.7873, 56.5884, 61.6248**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **27.3735, 27.5381, 36.2204** is the 20% darker color. If you saturate the color by 10%, you get **46.4830, 44.9600, 69.1799**, and if you desaturate by 10%, it is **64.8368, 68.6059, 72.7767**.

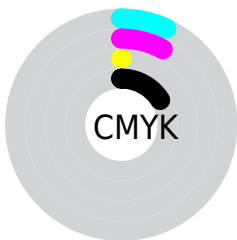
Distribution



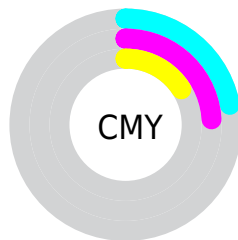
- Red (78%)
- Green (76%)
- Blue (84%)



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



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0785, 55.9764, 70.8524 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 55.0785, 55.9764, 70.8524 by changing the saturation by 10% instead.

■ 55.0785, 55.9764,
70.8524

■ 55.0785, 55.9764,
70.8524

396.3410,
409.6026, 482.4070

■ 39.6987, 40.1840,
51.7407

■ 96.8036, 98.9701,
122.1160

■ 27.4868, 27.6820,
36.4176

123.8796,
126.9401, 155.1050

■ 18.0777, 18.0861,
24.4646

155.5850,
159.7382, 193.5568

■ 11.1058, 11.0118,
15.4633

192.2852,
197.7487, 237.8900

■ 6.2059, 6.0748,
8.9949

234.3456,
241.3560, 288.5230

■ 3.0125, 2.8906,
4.6411

282.1314,

■ 1.1604, 1.0749,

290.9444, 345.8745

1.9832

336.0081,
346.8985, 410.3630

■ 0.0747, 0.0000,
0.5449

■ 0.0000, 0.0000,
0.0000

■ 55.0785, 55.9764,
70.8524

■ 55.0785, 55.9764,
70.8524

■ 46.4830, 44.9600,
69.1799

■ 64.8368, 68.6059,
72.7767

■ 39.0014, 35.4842,
67.7452

■ 75.7944, 82.9028,
74.9587

■ 32.5886, 27.4819,
66.5386

■ 86.7341, 96.4107,
76.9894

■ 27.1944, 20.8778,
65.5482

■ 89.0104, 97.5842,
77.0960

■ 22.7645, 15.5902,
64.7611

■ 19.2393, 11.5284,
64.1629

■ 16.5522, 8.5903,
63.7374

■ 14.6265, 6.6564,
63.4656

■ 13.3555, 5.5508,
63.3192

Harmonies

Analogous

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



53.1656, 55.9764, 72.4032



55.0785, 55.9764, 70.8524



56.5182, 55.9764, 66.6123

Triad

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



55.0785, 55.9764, 70.8524



55.1463, 55.9764, 52.1125



49.5201, 55.9764, 60.8393

Complementary

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



55.0785, 55.9764, 70.8524



59.9412, 65.0855, 61.0360

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.



50.0218, 55.9764, 55.6157



55.0785, 55.9764, 70.8524



53.2422, 55.9764, 50.7710

Square

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



55.0785, 55.9764, 70.8524



56.5580, 55.9764, 55.7944



51.3723, 55.9764, 52.0139



49.9850, 55.9764, 66.4112

Rectangle

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



55.0785, 55.9764, 70.8524



56.9991, 55.9764, 62.9543



51.3723, 55.9764, 52.0139



49.5810, 55.9764, 58.9863

Sweetspot

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



55.0801, 55.9788, 70.8536



90.5023, 94.1045, 108.0018



57.3428, 62.0579, 71.9078



19.1170, 19.8132, 23.0667



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.



55.0801, 55.9788, 70.8536



80.5228, 81.2257, 106.0419



57.5115, 57.2322, 70.9674



11.9980, 12.1404, 15.6485



8.1337, 3.3456, 38.6702



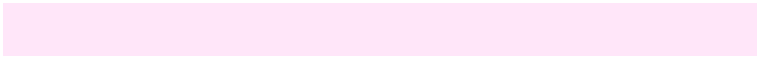
0.5630, 0.2391, 2.3358

Inverse Universe

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



58.4663, 57.7823, 68.3961



86.5493, 84.4363, 101.6343



57.4926, 63.8232, 60.9214



12.8295, 12.5833, 15.0423



20.9891, 10.3319, 23.0443



1.2957, 0.6351, 1.5468

Previews

White Background



This preview shows how the XYZ color 55.0785, 55.9764, 70.8524 looks on a white background.

Color Contrast Check

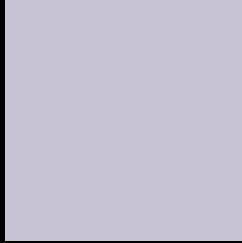
Large Text (above 18pt) WCAG AA × Fail

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 55.0785, 55.9764, 70.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

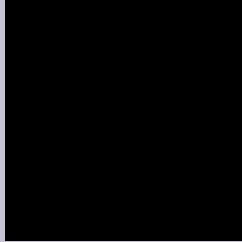
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0785, 55.9764, 70.8524

Background



This preview shows how black text looks on a background with the XYZ color 55.0785, 55.9764, 70.8524.



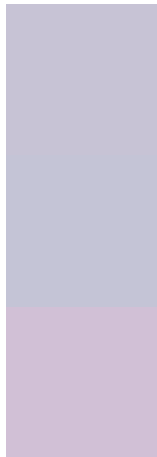
This preview shows how white text looks on a background with the XYZ color 55.0785, 55.9764,

70.8524.

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

55.0785, 55.9764, 70.8524

Protanopia

54.6425, 56.0707, 71.5611

Deuteranopia

57.2817, 56.1096, 71.4295



Tritanopia

54.8262, 55.8755, 69.5234

Trichromacy



Original Color

55.0785, 55.9764, 70.8524

Protanomaly

54.9035, 56.2052, 71.5733

Deuteranomaly

56.3844, 55.9741, 71.4506

Tritanomaly

54.9520, 55.9258, 70.1858

Monochromacy



Original Color

55.0785, 55.9764, 70.8524

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0344, 56.2501, 64.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0785, 55.9764, 70.8524 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(199, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 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(199, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.0785, 55.9764, 70.8524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

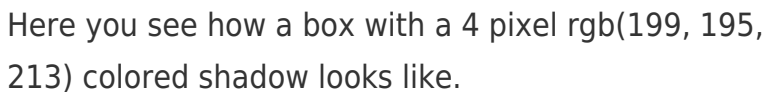
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 195, 213) }
```


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

```
.border{ border-color:rgb(199, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0785, 55.9764, 70.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 213) }
```

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

```
.background{ background-color: rgb(199,  
195, 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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