

Converting Colors

XYZ(55.4419, 55.7318, 76.7631)

Have a look what the booklet for
XYZ(55.4419, 55.7318, 76.7631)
contains.

XYZ(55.5026, 55.7278, 76.9385)	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(55.5026, 55.7278,
76.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C2DE
RGB	197, 194, 222
RGB Percent	77%, 76%, 87%
CMY	0.2274, 0.2392, 0.1294
CMYK	0.11, 0.13, 0.00, 0.13
HSL	246°, 30%, 82%
HSV	246°, 13%, 87%
XYZ	55.5026, 55.7278, 76.9385
YIQ	198.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

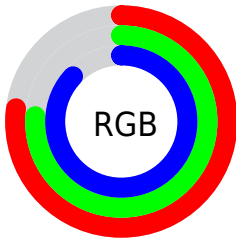
Format	Color
R _Y B	197, 194, 222
Decimal	12960478
CIE Lab	79.46, 6.46, -13.55
CIE LCh	79, 15.016, 295.489
Yxy	55.7278, 0.2950, 0.2962
Android (android.graphics.Color)	4291150558 (0xFFC5C2DE)
YUV	198.0890, 11.7881, -0.9551
Hunter-Lab	74.6511, 2.0743, -8.8510

Details

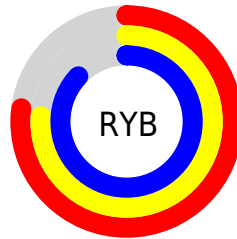
The XYZ color **55.5026, 55.7278, 76.9385** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.0742, 71.1991, 61.3545**, and the grayscale version is **53.6657, 56.4605, 61.4855**.

A 20% lighter version of the original color is **93.1087, 96.6620, 108.3580**, and **27.6808, 27.3858, 40.3863** is the 20% darker color. If you saturate the color by 10%, you get **46.0726, 44.0728, 75.1867**, and if you desaturate by 10%, it is **66.3566, 69.2155, 78.9707**.

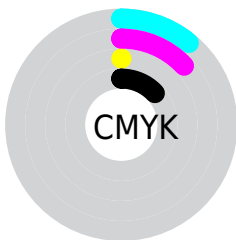
Distribution



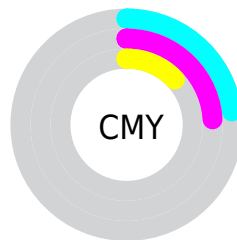
- Red (77%)
- Green (76%)
- Blue (87%)



- Red (77%)
- Yellow (76%)
- Blue (87%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5026, 55.7278, 76.9385 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 55.5026, 55.7278, 76.9385 by changing the saturation by 10% instead.

■ 55.5026, 55.7278,
76.9385

■ 55.5026, 55.7278,
76.9385

397.9198,
408.6649, 503.9864

■ 40.0397, 39.9847,
56.6911

■ 97.4210, 98.6065,
130.8249

■ 27.7538, 27.5266,
40.3496

124.6072,
126.5109, 165.3010

■ 18.2797, 17.9691,
27.4954

156.4319,
159.2378, 205.3571

■ 11.2519, 10.9278,
17.7099

193.2604,
197.1718, 251.4117

■ 6.3051, 6.0183,
10.5746

235.4580,
240.6970, 303.8834

■ 3.0739, 2.8562,
5.6710

283.3903,

■ 1.1929, 1.0571,

290.1980, 363.1908

2.5806

337.4224,
346.0592, 429.7522

■ 0.1008, 0.0000,
0.8824

■ 0.0000, 0.0000,
0.0000

■ 55.5026, 55.7278,
76.9385

■ 55.5026, 55.7278,
76.9385

■ 46.0726, 44.0728,
75.1867

■ 66.3566, 69.2155,
78.9707

■ 38.0025, 34.1645,
73.6996

■ 78.6852, 84.6030,
81.2910

■ 31.2308, 25.9208,
72.4653

■ 90.1850, 98.0540,
83.2812

■ 25.6892, 19.2500,
71.4698

■ 21.3033, 14.0515,
70.6975

■ 17.9904, 10.2130,
70.1312

■ 15.6565, 7.6059,
69.7510

■ 14.1911, 6.0767,
69.5331

■ 13.5562, 5.4654,
69.4486

Harmonies

Analogous

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



52.5128, 55.7278, 78.7866



55.5026, 55.7278, 76.9385



57.8914, 55.7278, 70.5826

Triad

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



55.5026, 55.7278, 76.9385



56.3216, 55.7278, 47.9956



47.3942, 55.7278, 59.3812

Complementary

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



55.5026, 55.7278, 76.9385



65.0742, 71.1991, 61.3545

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.



48.3313, 55.7278, 51.7464



55.5026, 55.7278, 76.9385



53.4250, 55.7278, 45.5815

Square

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



55.5026, 55.7278, 76.9385



58.3767, 55.7278, 53.8078



50.5110, 55.7278, 46.8871



47.9034, 55.7278, 68.1096

Rectangle

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



55.5026, 55.7278, 76.9385



58.7825, 55.7278, 64.9354



50.5110, 55.7278, 46.8871



47.5495, 55.7278, 56.6110

Sweetspot

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



55.5043, 55.7301, 76.9397



88.6102, 91.9772, 107.6909



60.8184, 67.5122, 78.9338



18.7148, 19.3741, 23.0031



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.



55.5043, 55.7301, 76.9397



72.5703, 72.0649, 104.6928



59.2852, 57.6793, 77.1167



13.0876, 13.3132, 17.2676



8.0970, 3.2695, 41.2527



0.6078, 0.2506, 2.8616

Inverse Universe

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



62.2040, 59.2300, 75.1743



83.3860, 77.7159, 101.7935



61.0926, 69.1465, 61.1682



14.2285, 13.9090, 16.9733



23.9884, 11.6624, 32.9343



1.6811, 0.8157, 2.3796

Previews

White Background



This preview shows how the XYZ color 55.5026, 55.7278, 76.9385 looks on a white background.

Color Contrast Check

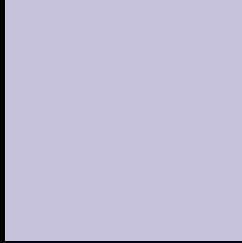
Large Text (above 18pt) WCAG AA × Fail

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 55.5026, 55.7278, 76.9385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

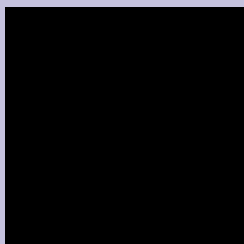
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5026, 55.7278, 76.9385

Background



This preview shows how black text looks on a background with the XYZ color 55.5026, 55.7278, 76.9385.



This preview shows how white text looks on a background with the XYZ color 55.5026, 55.7278,

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

55.5026, 55.7278, 76.9385

Protanopia

54.8267, 55.6954, 77.6726

Deuteranopia

56.9363, 55.8106, 76.8789



Tritanopia

54.0035, 55.7851, 69.5493

Trichromacy



Original Color

55.5026, 55.7278, 76.9385

Protanomaly

55.0825, 55.8273, 77.6846

Deuteranomaly

56.3422, 55.8314, 76.9142

Tritanomaly

54.5458, 55.6723, 72.1609

Monochromacy



Original Color

55.5026, 55.7278, 76.9385

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5174, 56.4433, 67.0527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5026, 55.7278, 76.9385 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(197, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 222)  
}
```

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(197, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.5026, 55.7278, 76.9385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

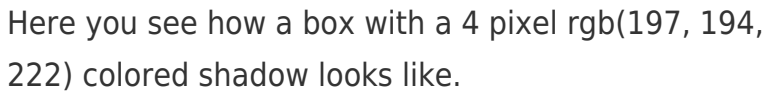
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 194, 222) }
```


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

```
.border{ border-color:rgb(197, 194, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 194, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 194, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 194, 222); box-shadow:4px 4px 4px 4px rgb(197, 194, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5026, 55.7278, 76.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 222) }
```

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

```
.background{ background-color: rgb(197,  
194, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor