

Converting Colors

XYZ(55.7198, 56.2809, 78.3597)

Have a look what the booklet for
XYZ(55.7198, 56.2809, 78.3597)
contains.

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Color

**XYZ(55.7346, 56.1478,
78.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C3E0
RGB	196, 195, 224
RGB Percent	77%, 76%, 88%
CMY	0.2314, 0.2353, 0.1216
CMYK	0.12, 0.13, 0.00, 0.12
HSL	242°, 32%, 82%
HSV	242°, 13%, 88%
XYZ	55.7346, 56.1478, 78.4211
YIQ	198.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

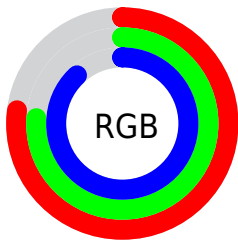
Format	Color
R_{YB}	196, 195, 224
Decimal	12895200
CIE _{Lab}	79.70, 6.01, -14.28
CIE _{LCh}	80, 15.493, 292.834
Yxy	56.1478, 0.2929, 0.2950
Android (android.graphics.Color)	4291085280 (0xFFC4C3E0)
YUV	198.6050, 12.5197, -2.2846
Hunter-Lab	74.9318, 1.6383, -9.5986

Details

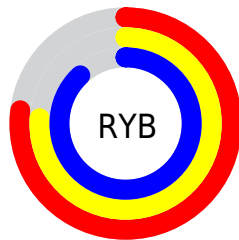
The XYZ color **55.7346, 56.1478, 78.4211** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.9394, 72.9409, 62.1833**, and the grayscale version is **53.9761, 56.7870, 61.8411**.

A 20% lighter version of the original color is **93.3684, 97.7235, 108.5492**, and **27.8416, 27.6651, 41.4086** is the 20% darker color. If you saturate the color by 10%, you get **45.8612, 44.1590, 76.6283**, and if you desaturate by 10%, it is **67.1754, 70.0651, 80.5053**.

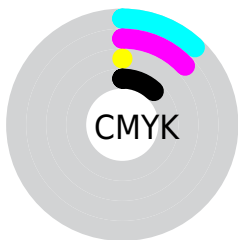
Distribution



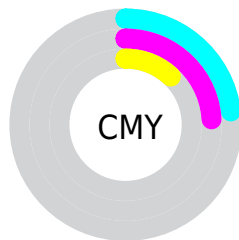
- Red (77%)
- Green (76%)
- Blue (88%)



- Red (77%)
- Yellow (76%)
- Blue (88%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7346, 56.1478, 78.4211 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 55.7346, 56.1478, 78.4211 by changing the saturation by 10% instead.

■ 55.7346, 56.1478,
78.4211

■ 55.7346, 56.1478,
78.4211

398.7818,
410.2483, 509.1615

■ 40.2263, 40.3214,
57.9015

■ 97.7585, 99.2206,
132.9348

■ 27.9001, 27.7893,
41.3153

125.0048,
127.2359, 167.7660

■ 18.3904, 18.1669,
28.2439

156.8946,
160.0829, 208.2048

■ 11.3320, 11.0698,
18.2690

193.7931,
198.1461, 254.6697

■ 6.3596, 6.1138,
10.9718

236.0657,
241.8098, 307.5793

■ 3.1076, 2.9144,
5.9340

284.0778,

■ 1.2109, 1.0872,

291.4585, 367.3521

2.7368

338.1947,
347.4765, 434.4067

■ 0.1150, 0.0000,
0.9619

■ 0.0000, 0.0000,
0.0000

■ 55.7346, 56.1478,
78.4211

■ 55.7346, 56.1478,
78.4211

■ 45.8612, 44.1590,
76.6283

■ 67.1754, 70.0651,
80.5053

■ 37.4821, 34.0071,
75.1104

■ 80.2422, 85.9834,
82.8891

■ 30.5260, 25.6035,
73.8550

■ 90.4547, 98.1619,
84.7016

■ 24.9139, 18.8495,
72.8471

■ 20.5590, 13.6366,
72.0705

■ 17.3643, 9.8433,
71.5067

■ 15.2188, 7.3299,
71.1346

■ 13.9897, 5.9284,
70.9289

■ 13.5512, 5.4316,
70.8561

Harmonies

Analogous

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



52.6202, 56.1478, 79.8644



55.7346, 56.1478, 78.4211



58.3037, 56.1478, 72.1410

Triad

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



55.7346, 56.1478, 78.4211



57.0827, 56.1478, 48.4126



47.6199, 56.1478, 59.0122

Complementary

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



55.7346, 56.1478, 78.4211



66.9394, 72.9409, 62.1833

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.



48.7167, 56.1478, 51.3102



55.7346, 56.1478, 78.4211



54.1204, 56.1478, 45.5904

Square

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



55.7346, 56.1478, 78.4211



59.1031, 56.1478, 54.6927



51.0670, 56.1478, 46.5970



48.0142, 56.1478, 68.0652

Rectangle

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



55.7346, 56.1478, 78.4211



59.3210, 56.1478, 66.3605



51.0670, 56.1478, 46.5970



47.8249, 56.1478, 56.1921

Sweetspot

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



55.7363, 56.1501, 78.4223



88.3508, 91.8435, 107.6787



62.3585, 69.7785, 80.7039



18.6495, 19.3404, 23.0001



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.



55.7363, 56.1501, 78.4223



70.3491, 69.9530, 104.4022



59.6830, 58.1848, 78.6071



12.9954, 13.2657, 17.2633



7.9073, 3.1717, 41.2438



0.5637, 0.2279, 2.8595

Inverse Universe

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



63.5768, 60.2076, 78.0851



83.1620, 76.5844, 103.8266



62.6703, 70.7401, 61.9836



14.2736, 13.9271, 17.2109



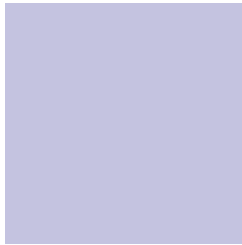
25.1392, 12.1227, 38.9943



1.7490, 0.8429, 2.7370

Previews

White Background



This preview shows how the XYZ color 55.7346, 56.1478, 78.4211 looks on a white background.

Color Contrast Check

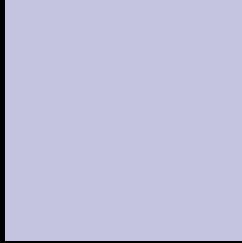
Large Text (above 18pt) WCAG AA × Fail

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 55.7346, 56.1478, 78.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

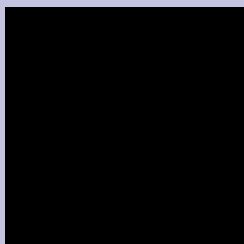
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7346, 56.1478, 78.4211

Background



This preview shows how black text looks on a background with the XYZ color 55.7346, 56.1478, 78.4211.



This preview shows how white text looks on a background with the XYZ color 55.7346, 56.1478,

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

55.7346, 56.1478, 78.4211

Protanopia

55.3229, 56.2536, 79.1764

Deuteranopia

57.3421, 55.9729, 79.0158



Tritanopia

54.2246, 56.2059, 70.9417

Trichromacy



Original Color

55.7346, 56.1478, 78.4211

Protanomaly

55.5787, 56.3854, 79.1883

Deuteranomaly

56.7480, 55.9937, 79.0511

Tritanomaly

54.7700, 56.0917, 73.5857

Monochromacy



Original Color

55.7346, 56.1478, 78.4211

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8680, 56.9480, 67.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7346, 56.1478, 78.4211 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(196, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 224)  
}
```

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(196, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 224) }
```

Border

The CSS property to change the border of an element to XYZ 55.7346, 56.1478, 78.4211 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(196, 195, 224) }
```


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

```
.border{ border-color:rgb(196, 195, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7346, 56.1478, 78.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 224) }
```

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

```
.background{ background-color: rgb(196,  
195, 224) }
```

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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