

Converting Colors

XYZ(44.6996, 38.8637, 56.2841)

Have a look what the booklet for
XYZ(44.6996, 38.8637, 56.2841)
contains.

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Color

**XYZ(44.6820, 38.8196,
56.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	C799C2
RGB	199, 153, 194
RGB Percent	78%, 60%, 76%
CMY	0.2196, 0.4000, 0.2392
CMYK	0.00, 0.23, 0.03, 0.22
HSL	307°, 29%, 69%
HSV	307°, 23%, 78%
XYZ	44.6820, 38.8196, 56.1769
YIQ	171.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

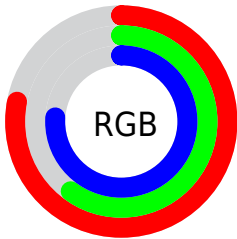
Format	Color
R _Y B	199, 153, 194
Decimal	13081026
CIE Lab	68.62, 24.03, -14.51
CIE LCh	69, 28.076, 328.877
Yxy	38.8196, 0.3199, 0.2779
Android (android.graphics.Color)	4291271106 (0xFFC799C2)
YUV	171.4280, 11.1280, 24.1806
Hunter-Lab	62.3054, 18.9760, -9.8444

Details

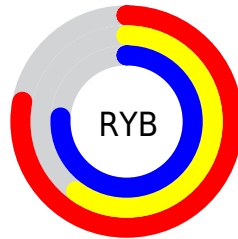
The XYZ color **44.6820, 38.8196, 56.1769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7334, 50.0889, 39.9238**, and the grayscale version is **38.8656, 40.8896, 44.5288**.

A 20% lighter version of the original color is **81.2085, 73.3368, 101.1421**, and **21.0644, 17.2206, 27.0246** is the 20% darker color. If you saturate the color by 10%, you get **41.4518, 32.7445, 53.9105**, and if you desaturate by 10%, it is **48.4613, 45.9859, 58.6446**.

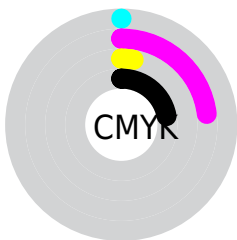
Distribution



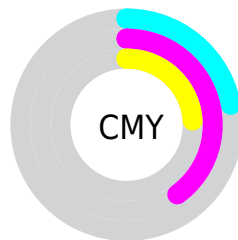
- Red (78%)
- Green (60%)
- Blue (76%)



- Red (78%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6820, 38.8196, 56.1769 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 44.6820, 38.8196, 56.1769 by changing the saturation by 10% instead.

■ 44.6820, 38.8196,
56.1769

■ 44.6820, 38.8196,
56.1769

356.2895,
341.1229, 427.7649

■ 31.4072, 26.6194,
39.9398

■ 81.4830, 73.3626,
100.7516

■ 21.0625, 17.2876,
27.1782

■ 105.7400, 96.4743,
129.9262

■ 13.2824, 10.4398,
17.4735

134.3884,
123.9919, 164.2505

■ 7.7016, 5.6915,
10.4071

167.7936,
156.2998, 204.1429

■ 3.9548, 2.6584,
5.5606

206.3210,
193.7825, 250.0220

■ 1.6766, 0.9561,
2.5154

250.3358,

■ 0.4416, 0.0000,

236.8243, 302.3063

0.8483

300.2036,
285.8097, 361.4144

■ 0.0000, 0.0000,
0.0000

■ 44.6820, 38.8196,
56.1769

■ 44.6820, 38.8196,
56.1769

■ 41.4518, 32.7445,
53.9105

■ 48.4613, 45.9859,
58.6446

■ 38.7401, 27.7016,
51.8340

■ 52.8112, 54.2883,
61.3196

■ 36.5191, 23.6343,
49.9383

■ 57.7564, 63.7755,
64.2106

■ 34.7564, 20.4781,
48.2126

■ 63.3190, 74.4920,
67.3251

■ 33.4162, 18.1613,
46.6448

■ 69.5201, 86.4797,
70.6702

■ 32.4569, 16.6009,
45.2212

■ 70.5736, 88.1663,
72.3172

■ 31.8289, 15.6974,
43.9250

■ 70.8399, 88.2728,
73.7197

■ 31.5261, 15.3313,
43.0854

■ 71.1099, 88.3808,
75.1414

■ 71.3835, 88.4903,
76.5823

Harmonies

Analogous

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



41.1664, 38.8196, 67.4385



44.6820, 38.8196, 56.1769



46.0880, 38.8196, 42.7481

Triad

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



44.6820, 38.8196, 56.1769



37.0641, 38.8196, 22.2638



29.9275, 38.8196, 55.1813

Complementary

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



44.6820, 38.8196, 56.1769



39.7334, 50.0889, 39.9238

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.



29.0169, 38.8196, 41.7914



44.6820, 38.8196, 56.1769



32.9332, 38.8196, 24.2987

Square

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



44.6820, 38.8196, 56.1769



41.4784, 38.8196, 24.6309



30.0730, 38.8196, 30.8681



32.6657, 38.8196, 66.7875

Rectangle

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



44.6820, 38.8196, 56.1769



45.5605, 38.8196, 34.8545



30.0730, 38.8196, 30.8681



29.4077, 38.8196, 50.6645

Sweetspot

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



44.6832, 38.8213, 56.1777



89.3068, 89.0109, 105.4521



35.7237, 34.1366, 58.7397



19.0146, 18.8596, 22.5094



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.



44.6832, 38.8213, 56.1777



75.1228, 62.1052, 96.2168



42.3346, 37.8819, 43.8105



11.0315, 10.7960, 13.1492



20.2916, 9.8662, 27.8089



0.9754, 0.4730, 1.3935

Inverse Universe

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



44.6832, 38.8213, 56.1777



75.1228, 62.1052, 96.2168



41.8612, 50.9400, 51.1286



11.0315, 10.7960, 13.1492



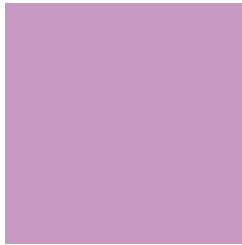
20.2916, 9.8662, 27.8089



0.9754, 0.4730, 1.3935

Previews

White Background



This preview shows how the XYZ color 44.6820, 38.8196, 56.1769 looks on a white background.

Color Contrast Check

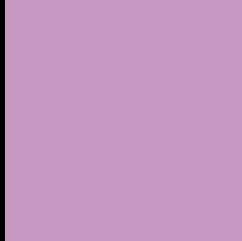
Large Text (above 18pt) WCAG AA × Fail

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 44.6820, 38.8196, 56.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

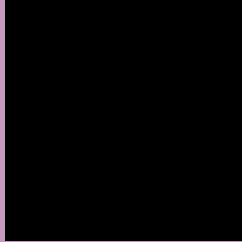
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6820, 38.8196, 56.1769

Background



This preview shows how black text looks on a background with the XYZ color 44.6820, 38.8196, 56.1769.



This preview shows how white text looks on a background with the XYZ color 44.6820, 38.8196,

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

44.6820, 38.8196, 56.1769

Protanopia

38.9129, 39.0578, 61.9879

Deuteranopia

39.6249, 38.7708, 55.2642



Tritanopia

42.0776, 38.7520, 43.2924

Trichromacy



Original Color

44.6820, 38.8196, 56.1769

Protanomaly

40.6258, 38.6585, 59.9642

Deuteranomaly

41.3152, 38.5916, 55.7235

Tritanomaly

43.0511, 38.9019, 47.8876

Monochromacy



Original Color

44.6820, 38.8196, 56.1769

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.4682, 39.6293, 48.1642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6820, 38.8196, 56.1769 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, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 194)  
}
```

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, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.6820, 38.8196, 56.1769 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, 153, 194) }
```


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

```
.border{ border-color:rgb(199, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6820, 38.8196, 56.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 194) }
```

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

```
.background{ background-color: rgb(199,  
153, 194) }
```

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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