

Converting Colors

XYZ(44.8206, 37.0571, 55.9478)

Have a look what the booklet for
XYZ(44.8206, 37.0571, 55.9478)
contains.

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Color

**XYZ(44.7648, 36.9832,
55.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	CC91C2
RGB	204, 145, 194
RGB Percent	80%, 57%, 76%
CMY	0.2000, 0.4314, 0.2392
CMYK	0.00, 0.29, 0.05, 0.20
HSL	310°, 37%, 68%
HSV	310°, 29%, 80%
XYZ	44.7648, 36.9832, 55.8180
YIQ	168.2270, 19.4350, 27.7470

Conversions

Conversions Part 2

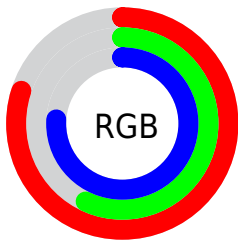
Format	Color
RYB	204, 145, 194
Decimal	13406658
CIELab	67.26, 30.12, -16.51
CIElCh	67, 34.346, 331.274
Yxy	36.9832, 0.3254, 0.2688
Android (android.graphics.Color)	4291596738 (0xFFCC91C2)
YUV	168.2270, 12.7061, 31.3729
Hunter-Lab	60.8138, 24.9689, -11.8497

Details

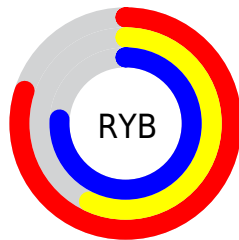
The XYZ color **44.7648, 36.9832, 55.8180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.1878, 51.5731, 38.9017**, and the grayscale version is **37.2647, 39.2054, 42.6947**.

A 20% lighter version of the original color is **79.0760, 69.0719, 100.4312**, and **21.1308, 16.2884, 26.8412** is the 20% darker color. If you saturate the color by 10%, you get **41.5395, 31.1463, 52.8493**, and if you desaturate by 10%, it is **48.5611, 43.9464, 59.0224**.

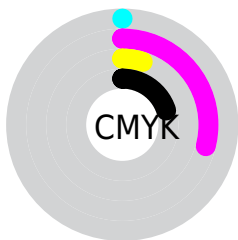
Distribution



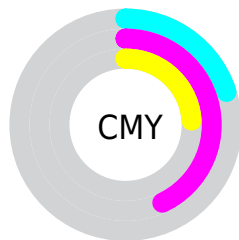
- Red (80%)
- Green (57%)
- Blue (76%)



- Red (80%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7648, 36.9832, 55.8180 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 44.7648, 36.9832, 55.8180 by changing the saturation by 10% instead.

■ 44.7648, 36.9832,
55.8180

■ 44.7648, 36.9832,
55.8180

356.6199,
333.2378, 426.3743

■ 31.4727, 25.1945,
39.6540

■ 81.6066, 70.5469,
100.2216

■ 21.1126, 16.2220,
26.9571

■ 105.8870, 93.0908,
129.2982

■ 13.3193, 9.6814,
17.3089

134.5609,
119.9884, 163.5162

■ 7.7273, 5.1882,
10.2907

167.9936,
151.6243, 203.2939

■ 3.9713, 2.3581,
5.4840

206.5505,
188.3827, 249.0501

■ 1.6859, 0.8042,
2.4703

250.5969,

■ 0.4474, 0.0000,

230.6482, 301.2032

0.8243

300.4983,
278.8051, 360.1717

■ 0.0000, 0.0000,
0.0000

■ 44.7648, 36.9832,
55.8180

■ 44.7648, 36.9832,
55.8180

■ 41.5395, 31.1463,
52.8493

■ 48.5611, 43.9464,
59.0224

■ 38.8518, 26.3709,
50.1038

■ 52.9528, 52.0863,
62.4697

■ 36.6699, 22.5929,
47.5708

■ 57.9669, 61.4566,
66.1697

■ 34.9576, 19.7397,
45.2381

■ 63.6279, 72.1058,
70.1308

■ 33.6732, 17.7284,
43.0914

■ 69.9588, 84.0800,
74.3609

■ 32.7681, 16.4616,
41.1141

■ 72.8955, 89.2509,
77.5057

■ 32.1624, 15.7799,
39.2795

■ 73.3440, 89.4303,
79.8674

■ 32.1032, 15.7179,
39.0859

■ 73.8019, 89.6134,
82.2789

■ 74.2694, 89.8004,
84.7403

Harmonies

Analogous

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



40.6551, 36.9832, 70.3668



44.7648, 36.9832, 55.8180



46.2369, 36.9832, 39.6291

Triad

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



44.7648, 36.9832, 55.8180



34.9275, 36.9832, 17.7335



27.2122, 36.9832, 57.2134

Complementary

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



44.7648, 36.9832, 55.8180



39.1878, 51.5731, 38.9017

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.



25.9965, 36.9832, 40.9146



44.7648, 36.9832, 55.8180



30.1683, 36.9832, 20.2727

Square

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



44.7648, 36.9832, 55.8180



40.2283, 36.9832, 19.8687



27.0234, 36.9832, 27.9134



30.5207, 36.9832, 71.3033

Rectangle

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



44.7648, 36.9832, 55.8180



45.4192, 36.9832, 30.6657



27.0234, 36.9832, 27.9134



26.5609, 36.9832, 51.6918

Sweetspot

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



44.7659, 36.9848, 55.8188



87.5406, 85.9733, 103.3382



34.5117, 31.5644, 61.4009



18.4948, 17.9508, 21.9332



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.



44.7659, 36.9848, 55.8188



70.5399, 54.7253, 89.1833



41.7898, 35.7944, 40.1466



11.6027, 11.3698, 13.7086



20.2360, 9.9050, 24.7591



1.0661, 0.5199, 1.3941

Inverse Universe

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



44.7659, 36.9848, 55.8188



70.5399, 54.7253, 89.1833



41.9580, 52.6812, 53.4891



11.6027, 11.3698, 13.7086



20.2360, 9.9050, 24.7591



1.0661, 0.5199, 1.3941

Previews

White Background



This preview shows how the XYZ color 44.7648, 36.9832, 55.8180 looks on a white background.

Color Contrast Check

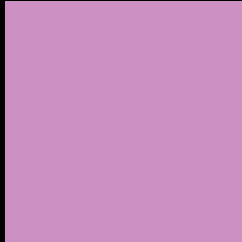
Large Text (above 18pt) WCAG AA × Fail

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 44.7648, 36.9832, 55.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

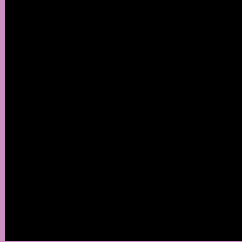
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7648, 36.9832, 55.8180

Background



This preview shows how black text looks on a background with the XYZ color 44.7648, 36.9832, 55.8180.



This preview shows how white text looks on a background with the XYZ color 44.7648, 36.9832,

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

44.7648, 36.9832, 55.8180

Protanopia

37.1978, 37.0692, 63.5871

Deuteranopia

37.9111, 37.1187, 54.4567



Tritanopia

41.4076, 37.0212, 39.1458

Trichromacy



Original Color

44.7648, 36.9832, 55.8180

Protanomaly

39.5624, 36.8119, 60.8974

Deuteranomaly

40.0582, 36.9518, 54.8903

Tritanomaly

42.4748, 36.9684, 44.9413

Monochromacy



Original Color

44.7648, 36.9832, 55.8180

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.5627, 38.1397, 46.8715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7648, 36.9832, 55.8180 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(204, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 145, 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(204, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 145, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.7648, 36.9832, 55.8180 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(204, 145, 194) }
```


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

```
.border{ border-color:rgb(204, 145, 194) }
```

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

Here you see how a box with a 4 pixel rgb(204, 145, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 145,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7648, 36.9832, 55.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 145, 194) }
```

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

```
.background{ background-color: rgb(204,  
145, 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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