

Converting Colors

XYZ(47.7051, 43.6944, 55.9459)

Have a look what the booklet for
XYZ(47.7051, 43.6944, 55.9459)
contains.

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Color

**XYZ(47.7792, 43.7747,
55.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA6C0
RGB	203, 166, 192
RGB Percent	80%, 65%, 75%
CMY	0.2039, 0.3490, 0.2471
CMYK	0.00, 0.18, 0.05, 0.20
HSL	318°, 26%, 72%
HSV	318°, 18%, 80%
XYZ	47.7792, 43.7747, 55.8003
YIQ	180.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

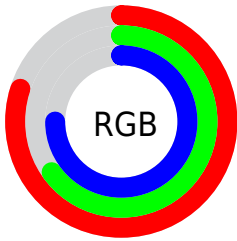
Format	Color
R _Y B	203, 166, 192
Decimal	13346496
CIE Lab	72.08, 17.92, -8.19
CIE LCh	72, 19.700, 335.428
Yxy	43.7747, 0.3242, 0.2971
Android (android.graphics.Color)	4291536576 (0xFFCBA6C0)
YUV	180.0270, 5.9027, 20.1473
Hunter-Lab	66.1625, 13.1194, -3.6905

Details

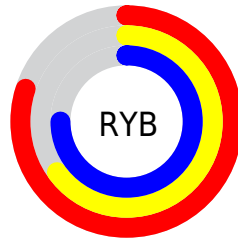
The XYZ color **47.7792, 43.7747, 55.8003** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.0193, 53.9943, 49.6465**, and the grayscale version is **43.3621, 45.6203, 49.6805**.

A 20% lighter version of the original color is **84.0397, 79.7502, 99.7709**, and **23.0719, 20.2883, 27.1261** is the 20% darker color. If you saturate the color by 10%, you get **43.7215, 36.7072, 51.2159**, and if you desaturate by 10%, it is **52.4493, 52.0220, 60.7252**.

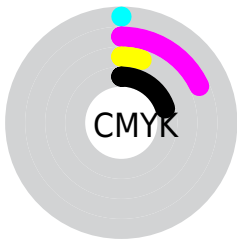
Distribution



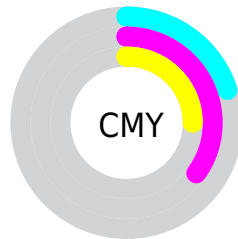
- Red (80%)
- Green (65%)
- Blue (75%)



- Red (80%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7792, 43.7747, 55.8003 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 47.7792, 43.7747, 55.8003 by changing the saturation by 10% instead.


 47.7792, 43.7747,
55.8003


 47.7792, 43.7747,
55.8003


368.5134,
361.7881, 426.3056

 33.8626, 30.4934,
39.6399


 86.0873, 80.8786,
100.1954

 22.9504, 20.2134,
26.9463

 111.2094,
105.4700, 129.2672

 14.6774, 12.5503,
17.3008


140.7974,
134.6003, 163.4799

 8.6781, 7.1196,
10.2850

175.2167,
168.6538, 203.2520

 4.5873, 3.5370,
5.4802

214.8326,
208.0150, 249.0021

 2.0394, 1.4181,
2.4681

260.0105,

 0.6560, 0.2300,

253.0681, 301.1487

0.8232

311.1156,
304.1977, 360.1104

■ 0.0000, 0.0000,
0.0000

■ 47.7792, 43.7747,
55.8003

■ 47.7792, 43.7747,
55.8003

■ 43.7215, 36.7072,
51.2159

■ 52.4493, 52.0220,
60.7252

■ 40.2448, 30.7589,
46.9584

■ 57.7539, 61.4942,
65.9979

■ 37.3207, 25.8729,
43.0172

■ 63.7183, 72.2414,
71.6291

■ 34.9167, 21.9848,
39.3798

■ 70.3657, 84.3090,
77.6279

■ 32.9966, 19.0229,
36.0325

■ 73.5978, 89.5002,
82.6297

■ 31.5199, 16.9063,
32.9599

■ 74.4223, 89.8300,
86.9720

■ 30.4385, 15.5400,
30.1445

■ 75.2762, 90.1716,
91.4684

■ 29.6803, 14.7798,
27.5602

■ 76.1597, 90.5250,
96.1205

■ 29.5598, 14.6690,
27.1188

■ 77.0729, 90.8903,
100.9298

Harmonies

Analogous

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



45.4751, 43.7747, 64.4320



47.7792, 43.7747, 55.8003



48.3932, 43.7747, 45.9300

Triad

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



47.7792, 43.7747, 55.8003



40.9969, 43.7747, 31.4792



36.5489, 43.7747, 59.2447

Complementary

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



47.7792, 43.7747, 55.8003



45.0193, 53.9943, 49.6465

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.



35.4860, 43.7747, 49.4394



47.7792, 43.7747, 55.8003



37.9638, 43.7747, 34.0898

Square

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



47.7792, 43.7747, 55.8003



44.3584, 43.7747, 32.7057



35.9898, 43.7747, 40.3583



38.9709, 43.7747, 66.6011

Rectangle

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



47.7792, 43.7747, 55.8003



47.7344, 43.7747, 40.1340



35.9898, 43.7747, 40.3583



36.0269, 43.7747, 56.0797

Sweetspot

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



47.7805, 43.7766, 55.8012



90.5122, 91.8914, 104.4060



42.4315, 40.8730, 62.1534



19.2416, 19.4338, 22.2146



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.



47.7805, 43.7766, 55.8012



77.1201, 68.2527, 90.2452



45.9079, 43.0276, 45.9405



11.5399, 11.3447, 13.3777



18.8532, 9.3519, 17.4777



1.0050, 0.4954, 1.0721

Inverse Universe

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



47.7805, 43.7766, 55.8012



77.1201, 68.2527, 90.2452



46.9317, 54.7593, 59.7169



11.5399, 11.3447, 13.3777



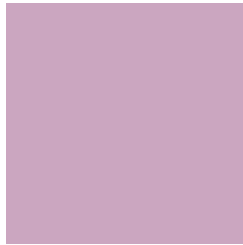
18.8532, 9.3519, 17.4777



1.0050, 0.4954, 1.0721

Previews

White Background



This preview shows how the XYZ color 47.7792, 43.7747, 55.8003 looks on a white background.

Color Contrast Check

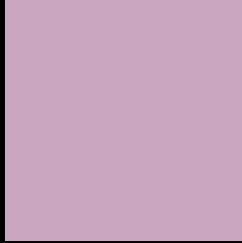
Large Text (above 18pt) WCAG AA × Fail

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 47.7792, 43.7747, 55.8003 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 47.7792, 43.7747, 55.8003

Background



This preview shows how black text looks on a background with the XYZ color 47.7792, 43.7747, 55.8003.



This preview shows how white text looks on a background with the XYZ color 47.7792, 43.7747,

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

47.7792, 43.7747, 55.8003

Protanopia

43.1739, 44.1266, 59.6678

Deuteranopia

44.8955, 43.9580, 55.4087



Tritanopia

46.4305, 43.7590, 49.7152

Trichromacy



Original Color

47.7792, 43.7747, 55.8003

Protanomaly

44.7239, 43.8049, 58.3225

Deuteranomaly

45.7710, 43.8485, 55.3414

Tritanomaly

46.9328, 43.6968, 51.8596

Monochromacy



Original Color

47.7792, 43.7747, 55.8003

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7207, 44.8120, 51.6399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7792, 43.7747, 55.8003 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(203, 166, 192) looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 192)  
}
```

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(203, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.7792, 43.7747, 55.8003 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(203, 166, 192) }
```


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

```
.border{ border-color:rgb(203, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7792, 43.7747, 55.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 192) }
```

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

```
.background{ background-color: rgb(203,  
166, 192) }
```

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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