

Converting Colors

XYZ(45.4566, 44.1989, 53.3071)

Have a look what the booklet for
XYZ(45.4566, 44.1989, 53.3071)
contains.

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Color

**XYZ(45.4604, 44.2994,
53.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ACBB
RGB	192, 172, 187
RGB Percent	75%, 67%, 73%
CMY	0.2471, 0.3255, 0.2667
CMYK	0.00, 0.10, 0.03, 0.25
HSL	315°, 14%, 71%
HSV	315°, 10%, 75%
XYZ	45.4604, 44.2994, 53.1683
YIQ	179.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

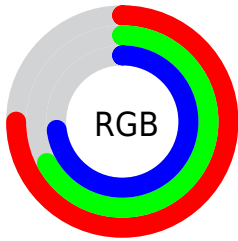
Format	Color
R _Y B	192, 172, 187
Decimal	12627131
CIE Lab	72.43, 9.87, -5.03
CIE LCh	72, 11.075, 332.985
Yxy	44.2994, 0.3181, 0.3099
Android (android.graphics.Color)	4290817211 (0xFFC0ACBB)
YUV	179.6900, 3.6038, 10.7959
Hunter-Lab	66.5578, 5.4432, -0.7721

Details

The XYZ color **45.4604, 44.2994, 53.1683** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8004, 49.6455, 48.8714**, and the grayscale version is **43.1960, 45.4456, 49.4902**.

A 20% lighter version of the original color is **82.3581, 81.3657, 96.1584**, and **21.5008, 20.5574, 25.3890** is the 20% darker color. If you saturate the color by 10%, you get **41.5620, 37.3108, 49.3757**, and if you desaturate by 10%, it is **49.9065, 52.3546, 57.2293**.

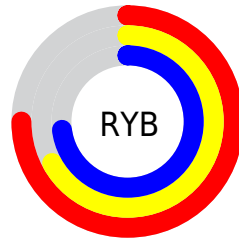
Distribution



Red (75%)

Green (67%)

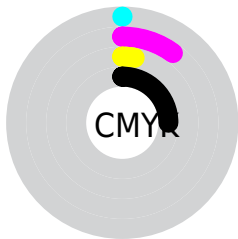
Blue (73%)



Red (75%)

Yellow (67%)

Blue (73%)

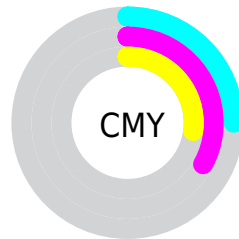


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4604, 44.2994, 53.1683 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 45.4604, 44.2994, 53.1683 by changing the saturation by 10% instead.

■ 45.4604, 44.2994,
53.1683

■ 45.4604, 44.2994,
53.1683

359.3874,
363.9286, 416.0151

■ 32.0230, 30.9060,
37.5485

■ 82.6437, 81.6681,
96.2960

■ 21.5347, 20.5272,
25.3333

107.1203,
106.4121, 124.6410

■ 13.6301, 12.7789,
16.1043

136.0074,
135.7084, 158.0649

■ 7.9438, 7.2765,
9.4428

169.6703,
169.9415, 196.9860

■ 4.1105, 3.6356,
4.9304

208.4744,
209.4956, 241.8231

■ 1.7649, 1.4719,
2.1485

252.7851,

■ 0.4964, 0.2688,

254.7553, 292.9946

0.6444

302.9676,
306.1048, 350.9191

■ 0.0000, 0.0000,
0.0000

■ 45.4604, 44.2994,
53.1683

■ 45.4604, 44.2994,
53.1683

■ 41.5620, 37.3108,
49.3757

■ 49.9065, 52.3546,
57.2293

■ 38.1847, 31.3379,
45.8402

■ 54.9178, 61.5130,
61.5638

■ 35.3056, 26.3343,
42.5539

■ 60.5157, 71.8167,
66.1802

■ 32.8982, 22.2475,
39.5072

■ 66.7195, 83.3037,
71.0857

■ 30.9338, 19.0203,
36.6896

■ 69.2571, 87.4300,
74.8572

■ 29.3804, 16.5889,
34.0896

■ 69.8682, 87.6745,
78.0751

■ 28.2015, 14.8806,
31.6941

■ 70.4974, 87.9262,
81.3885

■ 27.3539, 13.8094,
29.4879

■ 71.1449, 88.1852,
84.7983

■ 26.7720, 13.2200,
27.5231

■ 71.8109, 88.4516,
88.3051

Harmonies

Analogous

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



44.1352, 44.2994, 57.5997



45.4604, 44.2994, 53.1683



45.8779, 44.2994, 47.6892

Triad

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



45.4604, 44.2994, 53.1683



41.9144, 44.2994, 38.4805



39.1010, 44.2994, 54.1864

Complementary

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



45.4604, 44.2994, 53.1683



43.8004, 49.6455, 48.8714

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.



38.5453, 44.2994, 48.7839



45.4604, 44.2994, 53.1683



40.1385, 44.2994, 39.9438

Square

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



45.4604, 44.2994, 53.1683



43.7945, 44.2994, 39.4631



38.9194, 44.2994, 43.6158



40.4600, 44.2994, 58.2180

Rectangle

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



45.4604, 44.2994, 53.1683



45.5753, 44.2994, 44.2453



38.9194, 44.2994, 43.6158



38.8160, 44.2994, 52.4566

Sweetspot

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



45.4617, 44.3013, 53.1693



88.2079, 90.8288, 101.7103



42.4003, 42.6602, 55.8693



18.7800, 19.2253, 21.6906



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.4617, 44.3013, 53.1693



81.0460, 77.8807, 95.0819



44.4281, 43.8879, 47.7265



10.3862, 10.2031, 12.1242



18.0469, 8.9085, 18.6908



0.8060, 0.3954, 0.9457

Inverse Universe

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



45.4617, 44.3013, 53.1693



81.0460, 77.8807, 95.0819



44.8340, 50.0589, 54.3142



10.3862, 10.2031, 12.1242



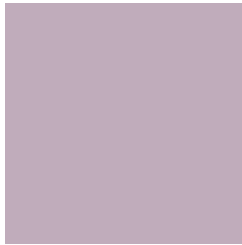
18.0469, 8.9085, 18.6908



0.8060, 0.3954, 0.9457

Previews

White Background



This preview shows how the XYZ color 45.4604, 44.2994, 53.1683 looks on a white background.

Color Contrast Check

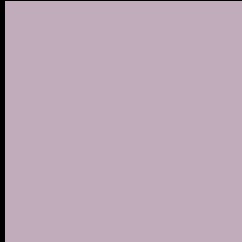
Large Text (above 18pt) WCAG AA × Fail

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 45.4604, 44.2994, 53.1683 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 45.4604, 44.2994, 53.1683

Background



This preview shows how black text looks on a background with the XYZ color 45.4604, 44.2994, 53.1683.



This preview shows how white text looks on a background with the XYZ color 45.4604, 44.2994,

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

45.4604, 44.2994, 53.1683

Protanopia

43.1479, 44.5091, 55.0322

Deuteranopia

45.2080, 44.1693, 53.1565



Tritanopia

45.3537, 44.2567, 52.6064

Trichromacy



Original Color

45.4604, 44.2994, 53.1683

Protanomaly

43.8067, 44.2792, 54.3820

Deuteranomaly

45.2080, 44.1693, 53.1565

Tritanomaly

45.3537, 44.2567, 52.6064

Monochromacy



Original Color

45.4604, 44.2994, 53.1683

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.0365, 45.0535, 51.1750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4604, 44.2994, 53.1683 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(192, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 187)  
}
```

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(192, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.4604, 44.2994, 53.1683 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(192, 172, 187) }
```


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

```
.border{ border-color:rgb(192, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4604, 44.2994, 53.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 187) }
```

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

```
.background{ background-color: rgb(192,  
172, 187) }
```

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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