

Converting Colors

XYZ(44.3753, 41.6364, 53.5952)

Have a look what the booklet for
XYZ(44.3753, 41.6364, 53.5952)
contains.

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Color

**XYZ(44.4531, 41.5625,
53.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A4BD
RGB	193, 164, 189
RGB Percent	76%, 64%, 74%
CMY	0.2431, 0.3568, 0.2588
CMYK	0.00, 0.15, 0.02, 0.24
HSL	308°, 19%, 70%
HSV	308°, 15%, 76%
XYZ	44.4531, 41.5625, 53.8235
YIQ	175.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

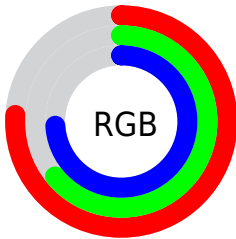
Format	Color
R_{YB}	193, 164, 189
Decimal	12690621
CIE Lab	70.57, 14.97, -8.88
CIE LCh	71, 17.410, 329.326
Yxy	41.5625, 0.3179, 0.2972
Android (android.graphics.Color)	4290880701 (0xFFC1A4BD)
YUV	175.5210, 6.6451, 15.3291
Hunter-Lab	64.4690, 10.2598, -4.3714

Details

The XYZ color **44.4531, 41.5625, 53.8235** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4493, 48.8608, 44.2946**, and the grayscale version is **40.9819, 43.1161, 46.9534**.

A 20% lighter version of the original color is **81.2373, 77.5796, 97.0789**, and **20.8856, 18.8549, 25.8311** is the 20% darker color. If you saturate the color by 10%, you get **40.9719, 35.0578, 51.2506**, and if you desaturate by 10%, it is **48.4662, 49.1213, 56.6009**.

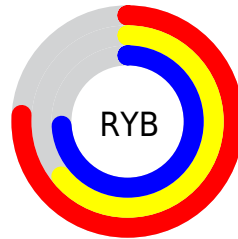
Distribution



Red (76%)

Green (64%)

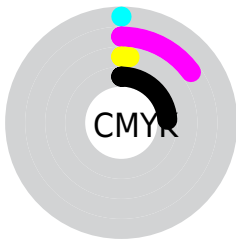
Blue (74%)



Red (76%)

Yellow (64%)

Blue (74%)

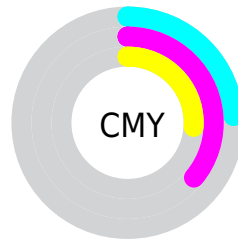


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4531, 41.5625, 53.8235 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 44.4531, 41.5625, 53.8235 by changing the saturation by 10% instead.


 44.4531, 41.5625,
53.8235


 44.4531, 41.5625,
53.8235


355.3751,
352.6661, 418.5922

 31.2263, 28.7589,
38.0684


 81.1412, 77.5371,
97.2688

 20.9239, 18.8985,
25.7335


 105.3333,
101.4768, 125.7961

 13.1805, 11.5970,
16.4004


133.9112,
129.8973, 159.4178

 7.6308, 6.4699,
9.6505

167.2402,
163.1831, 198.5525

 3.9095, 3.1328,
5.0653

205.6858,
201.7184, 243.6188

 1.6510, 1.2015,
2.2262

249.6132,

 0.4253, 0.0629,

245.8878, 295.0351

0.6894

299.3879,
296.0756, 353.2201

■ 0.0000, 0.0000,
0.0000

■ 44.4531, 41.5625,
53.8235

■ 44.4531, 41.5625,
53.8235

■ 40.9719, 35.0578,
51.2506

■ 48.4662, 49.1213,
56.6009

■ 37.9953, 29.5545,
48.8715

■ 53.0296, 57.7728,
59.5875

■ 35.4993, 25.0039,
46.6784

■ 58.1654, 67.5604,
62.7914

■ 33.4561, 21.3508,
44.6621

■ 63.8933, 78.5235,
66.2192

■ 31.8355, 18.5344,
42.8122

■ 68.4505, 87.1368,
69.2835

■ 30.6032, 16.4863,
41.1173

■ 68.7693, 87.2643,
70.9619

■ 29.7197, 15.1277,
39.5640

■ 69.0934, 87.3939,
72.6691

■ 29.1369, 14.3621,
38.1361

■ 69.4231, 87.5258,
74.4052

■ 28.9101, 14.1046,
37.4560

■ 69.7584, 87.6599,
76.1704

Harmonies

Analogous

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



42.2745, 41.5625, 60.5127



44.4531, 41.5625, 53.8235



45.2949, 41.5625, 45.4410

Triad

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



44.4531, 41.5625, 53.8235



39.5690, 41.5625, 31.1948



34.8765, 41.5625, 53.4621

Complementary

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



44.4531, 41.5625, 53.8235



41.4493, 48.8608, 44.2946

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.



34.2288, 41.5625, 45.0685



44.4531, 41.5625, 53.8235



36.8571, 41.5625, 32.8045

Square

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



44.4531, 41.5625, 53.8235



42.3924, 41.5625, 32.9550



34.9364, 41.5625, 37.6470



36.7497, 41.5625, 60.2868

Rectangle

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



44.4531, 41.5625, 53.8235



44.9549, 41.5625, 40.2134



34.9364, 41.5625, 37.6470



34.5124, 41.5625, 50.7002

Sweetspot

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



44.4543, 41.5643, 53.8244



86.7607, 87.8969, 101.3434



39.0230, 38.7135, 55.8686



18.4971, 18.6377, 21.6634



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.



44.4543, 41.5643, 53.8244



77.4830, 70.4420, 94.8578



42.9711, 40.9710, 46.0140



10.4356, 10.2228, 12.3844



19.2503, 9.3899, 25.0279



0.8486, 0.4124, 1.1700

Inverse Universe

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



44.4543, 41.5643, 53.8244



77.4830, 70.4420, 94.8578



42.8627, 49.4262, 51.7373



10.4356, 10.2228, 12.3844



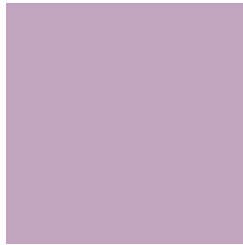
19.2503, 9.3899, 25.0279



0.8486, 0.4124, 1.1700

Previews

White Background



This preview shows how the XYZ color 44.4531, 41.5625, 53.8235 looks on a white background.

Color Contrast Check

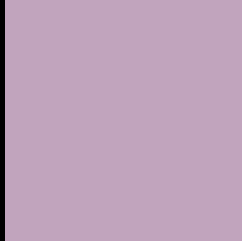
Large Text (above 18pt) WCAG AA × Fail

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 44.4531, 41.5625, 53.8235 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 44.4531, 41.5625, 53.8235

Background



This preview shows how black text looks on a background with the XYZ color 44.4531, 41.5625, 53.8235.



This preview shows how white text looks on a background with the XYZ color 44.4531, 41.5625,

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

44.4531, 41.5625, 53.8235

Protanopia

41.0677, 41.9461, 56.9709

Deuteranopia

42.3711, 41.5812, 53.3697



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

44.4531, 41.5625, 53.8235

Protanomaly

42.0625, 41.6467, 55.6909

Deuteranomaly

43.1455, 41.7074, 53.3533

Tritanomaly

43.7406, 41.5356, 50.5115

Monochromacy



Original Color

44.4531, 41.5625, 53.8235

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.3844, 42.7863, 49.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4531, 41.5625, 53.8235 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(193, 164, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 189)  
}
```

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(193, 164, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 189) }
```

Border

The CSS property to change the border of an element to XYZ 44.4531, 41.5625, 53.8235 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(193, 164, 189) }
```


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

```
.border{ border-color:rgb(193, 164, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 164, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 164, 189); box-shadow:4px 4px 4px 4px rgb(193, 164, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4531, 41.5625, 53.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 189) }
```

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

```
.background{ background-color: rgb(193,  
164, 189) }
```

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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