

Converting Colors

XYZ(44.0131, 41.6275, 50.7215)

Have a look what the booklet for
XYZ(44.0131, 41.6275, 50.7215)
contains.

XYZ(43.9947, 41.6666, 50.5234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.9947, 41.6666,
50.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A5B7
RGB	193, 165, 183
RGB Percent	76%, 65%, 72%
CMY	0.2431, 0.3529, 0.2823
CMYK	0.00, 0.15, 0.05, 0.24
HSL	321°, 18%, 70%
HSV	321°, 15%, 76%
XYZ	43.9947, 41.6666, 50.5234
YIQ	175.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

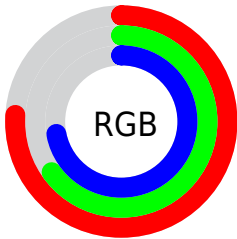
Format	Color
R _Y B	193, 165, 183
Decimal	12690871
CIE Lab	70.64, 13.32, -5.46
CIE LCh	71, 14.398, 337.729
Yxy	41.6666, 0.3231, 0.3060
Android (android.graphics.Color)	4290880951 (0xFFC1A5B7)
YUV	175.4240, 3.7350, 15.4142
Hunter-Lab	64.5497, 8.6972, -1.2219

Details

The XYZ color **43.9947, 41.6666, 50.5234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3265, 49.2356, 47.8324**, and the grayscale version is **40.9455, 43.0779, 46.9118**.

A 20% lighter version of the original color is **80.5975, 77.7424, 92.4192**, and **20.5819, 18.9109, 23.6845** is the 20% darker color. If you saturate the color by 10%, you get **40.0731, 34.9432, 45.7626**, and if you desaturate by 10%, it is **48.4792, 49.4584, 55.6462**.

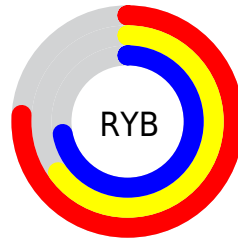
Distribution



Red (76%)

Green (65%)

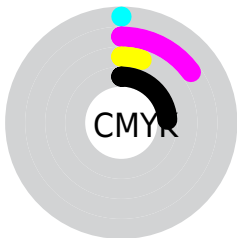
Blue (72%)



Red (76%)

Yellow (65%)

Blue (72%)

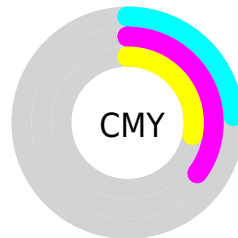


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9947, 41.6666, 50.5234 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 43.9947, 41.6666, 50.5234 by changing the saturation by 10% instead.


 43.9947, 41.6666,
50.5234


 43.9947, 41.6666,
50.5234


353.5392,
353.0990, 405.5028

 30.8642, 28.8403,
35.4554


 80.4562, 77.6948,
92.3542

 20.6468, 18.9601,
23.7275

 104.5179,
101.6655, 119.9540

 12.9771, 11.6414,
14.9213

132.9540,
130.1198, 152.5681

 7.4896, 6.5000,
8.6181

166.1300,
163.4421, 190.6151

 3.8192, 3.1514,
4.3996

204.4112,
202.0167, 234.5136

 1.6004, 1.2113,
1.8470

248.1629,

 0.3926, 0.0709,

246.2282, 284.6820

0.4587

297.7504,
296.4608, 341.5389

■ 0.0000, 0.0000,
0.0000

■ 43.9947, 41.6666,
50.5234

■ 43.9947, 41.6666,
50.5234

■ 40.0731, 34.9432,
45.7626

■ 48.4792, 49.4584,
55.6462

■ 36.6868, 29.2355,
41.3507

■ 53.5455, 58.3572,
61.1383

■ 33.8112, 24.4947,
37.2775

■ 59.2159, 68.4065,
67.0100

■ 31.4185, 20.6658,
33.5312

■ 65.5106, 79.6459,
73.2702

■ 29.4779, 17.6881,
30.0988

■ 70.3382, 87.8919,
79.2242

■ 27.9548, 15.4935,
26.9662

■ 71.2566, 88.2592,
84.0601

■ 26.8097, 14.0034,
24.1174

■ 72.2128, 88.6417,
89.0957

■ 25.9942, 13.1225,
21.5334

■ 73.2075, 89.0396,
94.3335

■ 25.6347, 12.7944,
20.2082

■ 74.2409, 89.4529,
99.7756

Harmonies

Analogous

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



42.4724, 41.6666, 56.5544



43.9947, 41.6666, 50.5234



44.3174, 41.6666, 43.6264

Triad

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



43.9947, 41.6666, 50.5234



38.9900, 41.6666, 33.5707



36.0894, 41.6666, 53.8780

Complementary

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



43.9947, 41.6666, 50.5234



42.3265, 49.2356, 47.8324

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.



35.2351, 41.6666, 47.1550



43.9947, 41.6666, 50.5234



36.8655, 41.6666, 35.7632

Square

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



43.9947, 41.6666, 50.5234



41.3643, 41.6666, 34.2788



35.5135, 41.6666, 40.5755



37.8921, 41.6666, 58.6225

Rectangle

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



43.9947, 41.6666, 50.5234



43.7973, 41.6666, 39.5337



35.5135, 41.6666, 40.5755



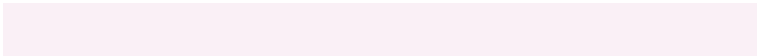
35.6851, 41.6666, 51.7494

Sweetspot

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



43.9959, 41.6684, 50.5243



87.2055, 89.2433, 100.0837



40.7168, 39.8534, 55.9992



18.5692, 18.9022, 21.3164



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.



43.9959, 41.6684, 50.5243



76.7583, 71.1158, 88.0706



42.6292, 41.1217, 43.3271



10.3396, 10.1845, 11.8790



17.0891, 8.5254, 13.6474



0.7703, 0.3811, 0.7576

Inverse Universe

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



43.9959, 41.6684, 50.5243



76.7583, 71.1158, 88.0706



43.7520, 49.8058, 55.3388



10.3396, 10.1845, 11.8790



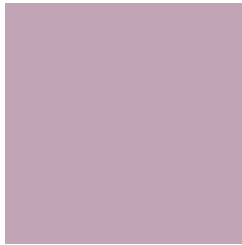
17.0891, 8.5254, 13.6474



0.7703, 0.3811, 0.7576

Previews

White Background



This preview shows how the XYZ color 43.9947, 41.6666, 50.5234 looks on a white background.

Color Contrast Check

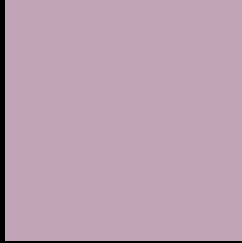
Large Text (above 18pt) WCAG AA × Fail

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 43.9947, 41.6666, 50.5234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

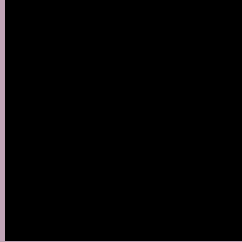
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9947, 41.6666, 50.5234

Background



This preview shows how black text looks on a background with the XYZ color 43.9947, 41.6666, 50.5234.



This preview shows how white text looks on a background with the XYZ color 43.9947, 41.6666,

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

43.9947, 41.6666, 50.5234

Protanopia

40.7354, 41.8636, 52.9472

Deuteranopia

42.4537, 41.6970, 50.0667



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

43.9947, 41.6666, 50.5234

Protanomaly

41.8733, 41.6244, 52.2817

Deuteranomaly

43.0013, 41.7062, 50.0397

Tritanomaly

43.6127, 41.7742, 48.9446

Monochromacy



Original Color

43.9947, 41.6666, 50.5234

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.8902, 42.2853, 48.0735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9947, 41.6666, 50.5234 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, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 183)  
}
```

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, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.9947, 41.6666, 50.5234 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, 165, 183) }
```


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

```
.border{ border-color:rgb(193, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9947, 41.6666, 50.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 183) }
```

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

```
.background{ background-color: rgb(193,  
165, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor