

Converting Colors

XYZ(46.9842, 47.6538, 64.5232)

Have a look what the booklet for
XYZ(46.9842, 47.6538, 64.5232)
contains.

XYZ(47.0388, 47.8088, 64.5064)	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(47.0388, 47.8088,
64.5064)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B6CD
RGB	182, 182, 205
RGB Percent	71%, 71%, 80%
CMY	0.2863, 0.2863, 0.1961
CMYK	0.11, 0.11, 0.00, 0.20
HSL	240°, 19%, 76%
HSV	240°, 11%, 80%
XYZ	47.0388, 47.8088, 64.5064
YIQ	184.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

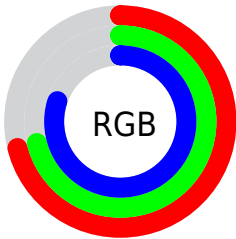
Format	Color
RYB	182, 182, 205
Decimal	11974349
CIELab	74.70, 4.53, -11.59
CIELCh	75, 12.442, 291.352
Yxy	47.8088, 0.2952, 0.3000
Android (android.graphics.Color)	4290164429 (0xFFB6B6CD)
YUV	184.6220, 10.0464, -2.2995
Hunter-Lab	69.1439, 0.4322, -6.9127

Details

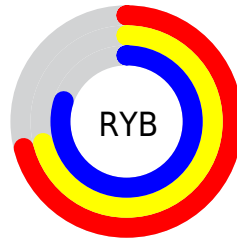
The XYZ color **47.0388, 47.8088, 64.5064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4518, 60.0187, 52.9190**, and the grayscale version is **45.8544, 48.2424, 52.5359**.

A 20% lighter version of the original color is **83.8844, 86.5462, 106.8916**, and **22.4894, 22.6020, 32.4555** is the 20% darker color. If you saturate the color by 10%, you get **38.6524, 37.7043, 62.9988**, and if you desaturate by 10%, it is **56.7513, 59.5116, 66.2541**.

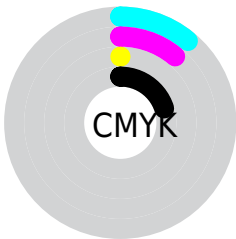
Distribution



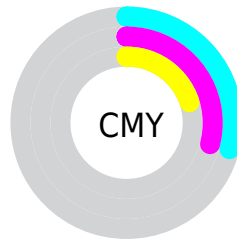
- Red (71%)
- Green (71%)
- Blue (80%)



- Red (71%)
- Yellow (71%)
- Blue (80%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0388, 47.8088, 64.5064 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 47.0388, 47.8088, 64.5064 by changing the saturation by 10% instead.

■ 47.0388, 47.8088,
64.5064

■ 47.0388, 47.8088,
64.5064

365.6157,
378.0338, 459.2736

■ 33.2744, 33.6755,
46.6121

■ 84.9899, 86.9197,
112.9464

■ 22.4970, 22.6444,
32.3770

109.9074,
112.6660, 144.3292

■ 14.3412, 14.3312,
21.3824

139.2732,
143.0522, 181.0453

■ 8.4416, 8.3514,
13.2099

173.4528,
178.4625, 223.5132

■ 4.4330, 4.3206,
7.4408

212.8115,
219.2814, 272.1514

■ 1.9499, 1.8545,
3.6567

257.7146,

■ 0.6056, 0.5208,

265.8934, 327.3785

1.4389

308.5276,
318.6827, 389.6131

■ 0.0000, 0.0000,
0.1718

■ 0.0000, 0.0000,
0.0000

■ 47.0388, 47.8088,
64.5064

■ 47.0388, 47.8088,
64.5064

■ 38.6524, 37.7043,
62.9988

■ 56.7513, 59.5116,
66.2541

■ 31.5305, 29.1230,
61.7178

■ 67.8392, 72.8714,
68.2484

■ 25.6131, 21.9931,
60.6535

■ 80.3550, 87.9514,
70.4995

■ 20.8337, 16.2341,
59.7938

■ 88.0196, 97.1878,
71.8783

■ 17.1192, 11.7583,
59.1256

■ 14.3882, 8.4674,
58.6344

■ 12.5474, 6.2492,
58.3032

■ 11.4857, 4.9698,
58.1122

■ 11.0198, 4.4083,
58.0284

Harmonies

Analogous

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



44.7916, 47.8088, 65.3308



47.0388, 47.8088, 64.5064



48.9140, 47.8088, 60.2074

Triad

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



47.0388, 47.8088, 64.5064



48.2045, 47.8088, 42.9423



41.2853, 47.8088, 50.2096

Complementary

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



47.0388, 47.8088, 64.5064



55.4518, 60.0187, 52.9190

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.



42.1361, 47.8088, 44.6751



47.0388, 47.8088, 64.5064



46.0963, 47.8088, 40.7129

Square

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



47.0388, 47.8088, 64.5064



49.6024, 47.8088, 47.6616



43.8795, 47.8088, 41.3199



41.5188, 47.8088, 56.7118

Rectangle

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



47.0388, 47.8088, 64.5064



49.6767, 47.8088, 56.1305



43.8795, 47.8088, 41.3199



41.4529, 47.8088, 48.1830

Sweetspot

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



47.0402, 47.8108, 64.5075



89.8995, 93.7942, 107.9736



52.0968, 57.9978, 65.9649



18.9551, 19.7299, 23.0592



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.



47.0402, 47.8108, 64.5075



74.2107, 74.8908, 105.1518



49.7703, 49.2174, 64.6351



10.6019, 10.8442, 14.1047



6.8602, 2.7444, 36.1244



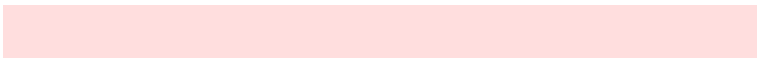
0.3539, 0.1417, 1.8636

Inverse Universe

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



50.3494, 49.8135, 51.2196



80.4867, 78.6890, 79.9509



52.4938, 58.4948, 52.7808



11.2124, 11.2137, 11.6532



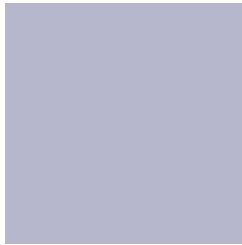
15.6736, 8.0800, 0.7341



0.8086, 0.4168, 0.0380

Previews

White Background



This preview shows how the XYZ color 47.0388, 47.8088, 64.5064 looks on a white background.

Color Contrast Check

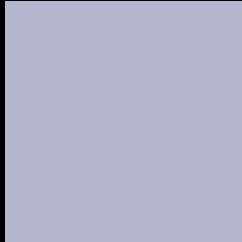
Large Text (above 18pt) WCAG AA × Fail

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 47.0388, 47.8088, 64.5064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

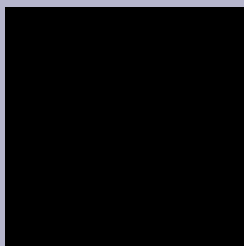
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0388, 47.8088, 64.5064

Background



This preview shows how black text looks on a background with the XYZ color 47.0388, 47.8088, 64.5064.



This preview shows how white text looks on a background with the XYZ color 47.0388, 47.8088,

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

47.0388, 47.8088, 64.5064

Protanopia

46.8034, 47.6874, 64.4954

Deuteranopia

48.7465, 47.7728, 65.0444



Tritanopia

46.1826, 47.7679, 60.2121

Trichromacy



Original Color

47.0388, 47.8088, 64.5064

Protanomaly

46.8034, 47.6874, 64.4954

Deuteranomaly

48.2009, 47.7901, 65.0765

Tritanomaly

46.5322, 47.9078, 62.0530

Monochromacy



Original Color

47.0388, 47.8088, 64.5064

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4221, 48.2771, 56.7409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0388, 47.8088, 64.5064 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(182, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 205)  
}
```

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(182, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.0388, 47.8088, 64.5064 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(182, 182, 205) }
```


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

```
.border{ border-color:rgb(182, 182, 205) }
```

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

Here you see how a box with a 4 pixel rgb(182, 182, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0388, 47.8088, 64.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 205) }
```

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

```
.background{ background-color: rgb(182,  
182, 205) }
```

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