

Converting Colors

XYZ(47.8968, 48.4541, 57.7494)

Have a look what the booklet for
XYZ(47.8968, 48.4541, 57.7494)
contains.

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Color

**XYZ(47.9514, 48.4273,
57.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB6C2
RGB	191, 182, 194
RGB Percent	75%, 71%, 76%
CMY	0.2510, 0.2863, 0.2392
CMYK	0.02, 0.06, 0.00, 0.24
HSL	285°, 9%, 74%
HSV	285°, 6%, 76%
XYZ	47.9514, 48.4273, 57.8590
YIQ	186.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

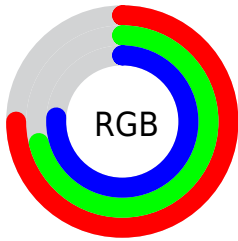
Format	Color
RYB	191, 182, 194
Decimal	12564162
CIELab	75.09, 5.39, -4.94
CIELCh	75, 7.311, 317.529
Yxy	48.4273, 0.3109, 0.3140
Android (android.graphics.Color)	4290754242 (0xFFBFB6C2)
YUV	186.0590, 3.9149, 4.3333
Hunter-Lab	69.5897, 1.2149, -0.5827

Details

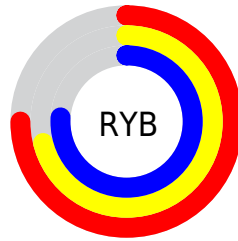
The XYZ color **47.9514, 48.4273, 57.8590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7447, 52.2765, 51.8324**, and the grayscale version is **46.6845, 49.1157, 53.4871**.

A 20% lighter version of the original color is **86.1876, 87.8254, 102.8519**, and **23.0651, 22.9972, 28.0342** is the 20% darker color. If you saturate the color by 10%, you get **43.0510, 40.4071, 56.5700**, and if you desaturate by 10%, it is **53.4454, 57.5733, 59.3355**.

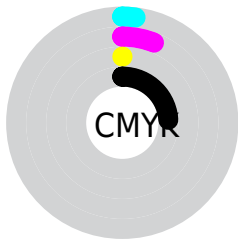
Distribution



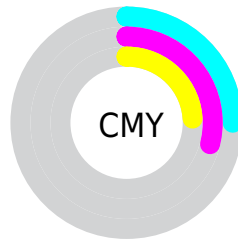
- Red (75%)
- Green (71%)
- Blue (76%)



- Red (75%)
- Yellow (71%)
- Blue (76%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9514, 48.4273, 57.8590 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 47.9514, 48.4273, 57.8590 by changing the saturation by 10% instead.

■ 47.9514, 48.4273,
57.8590

■ 47.9514, 48.4273,
57.8590

369.1853,
380.4833, 434.2439

■ 33.9995, 34.1654,
41.2814

■ 86.3422, 87.8403,
103.2303

■ 23.0561, 23.0207,
28.2176

111.5117,
113.7601, 132.8609

■ 14.7559, 14.6088,
18.2493

141.1513,
144.3348, 167.6797

■ 8.7334, 8.5453,
10.9578

175.6261,
179.9486, 208.1051

■ 4.6234, 4.4458,
5.9247

215.3015,
220.9859, 254.5557

■ 2.0605, 1.9259,
2.7313

260.5429,

■ 0.6676, 0.5639,

267.8312, 307.4500

0.9591

311.7157,
320.8689, 367.2066

■ 0.0000, 0.0000,
0.0000

■ 47.9514, 48.4273,
57.8590

■ 47.9514, 48.4273,
57.8590

■ 43.0510, 40.4071,
56.5700

■ 53.4454, 57.5733,
59.3355

■ 38.7171, 33.4614,
55.4577

■ 59.5505, 67.8814,
61.0034

■ 34.9268, 27.5438,
54.5153

■ 66.2883, 79.3941,
62.8705

■ 31.6537, 22.6024,
53.7340

■ 72.1918, 89.1764,
64.4475

■ 28.8692, 18.5805,
53.1045

■ 73.5976, 89.9011,
64.5133

■ 26.5417, 15.4157,
52.6163

■ 75.0457, 90.6476,
64.5810

■ 24.6358, 13.0375,
52.2577

■ 76.5364, 91.4161,
64.6508

■ 23.1101, 11.3639,
52.0151

■ 78.0701, 92.2068,
64.7226

■ 21.9120, 10.2904,
51.8710

■ 79.6471, 93.0197,
64.7964

Harmonies

Analogous

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



46.8075, 48.4273, 60.0670



47.9514, 48.4273, 57.8590



48.5851, 48.4273, 54.3352

Triad

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



47.9514, 48.4273, 57.8590



46.5861, 48.4273, 45.8611



43.6202, 48.4273, 54.9782

Complementary

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



47.9514, 48.4273, 57.8590



47.7447, 52.2765, 51.8324

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.



43.5636, 48.4273, 51.1549



47.9514, 48.4273, 57.8590



45.2586, 48.4273, 46.0145

Square

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



47.9514, 48.4273, 57.8590



47.7867, 48.4273, 47.4819



44.1581, 48.4273, 47.9117



44.3144, 48.4273, 58.3493

Rectangle

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



47.9514, 48.4273, 57.8590



48.6250, 48.4273, 51.7701



44.1581, 48.4273, 47.9117



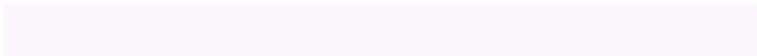
43.5265, 48.4273, 53.6999

Sweetspot

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



47.9528, 48.4294, 57.8601



90.8769, 94.3680, 105.8949



46.4218, 48.6239, 57.9783



19.9226, 20.7014, 23.1957



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.



47.9528, 48.4294, 57.8601



86.0095, 86.3089, 104.5959



48.4035, 48.6977, 56.2553



10.4530, 10.4615, 12.7532



14.2144, 6.5882, 34.0791



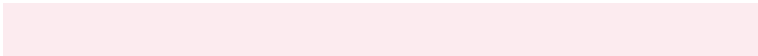
0.6741, 0.3156, 1.4753

Inverse Universe

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



47.7347, 48.4302, 52.7334



85.5622, 86.3131, 93.9648



47.3208, 52.0242, 53.3380



10.3959, 10.4621, 11.3886



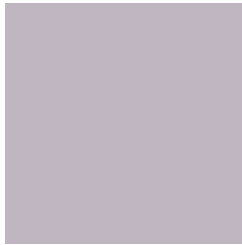
15.0134, 7.6951, 2.7169



0.6774, 0.3440, 0.2687

Previews

White Background



This preview shows how the XYZ color 47.9514, 48.4273, 57.8590 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 47.9514, 48.4273, 57.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

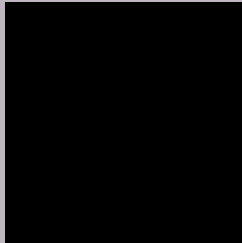
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9514, 48.4273, 57.8590

Background



This preview shows how black text looks on a background with the XYZ color 47.9514, 48.4273, 57.8590.

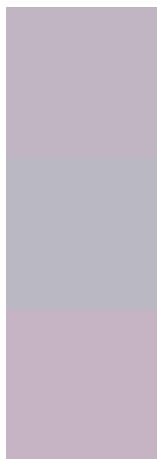


This preview shows how white text looks on a background with the XYZ color 47.9514, 48.4273,

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

47.9514, 48.4273, 57.8590

Protanopia

46.9984, 48.5354, 58.5209

Deuteranopia

49.2591, 48.1861, 58.3344



Tritanopia

48.1776, 48.5178, 59.0502

Trichromacy



Original Color

47.9514, 48.4273, 57.8590

Protanomaly

47.2773, 48.3719, 58.4747

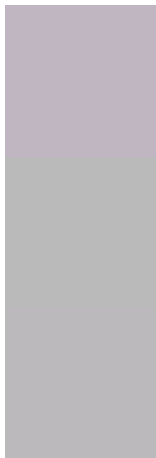
Deuteranomaly

48.6773, 48.1847, 58.3648

Tritanomaly

48.0641, 48.4724, 58.4526

Monochromacy



Original Color

47.9514, 48.4273, 57.8590

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2733, 49.0634, 55.1227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9514, 48.4273, 57.8590 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(191, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 194)  
}
```

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(191, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.9514, 48.4273, 57.8590 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(191, 182, 194) }
```


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

```
.border{ border-color:rgb(191, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9514, 48.4273, 57.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 194) }
```

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

```
.background{ background-color: rgb(191,  
182, 194) }
```

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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