

Converting Colors

XYZ(49.0871, 47.4023, 60.4305)

Have a look what the booklet for
XYZ(49.0871, 47.4023, 60.4305)
contains.

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Color

**XYZ(49.0569, 47.4381,
60.6037)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B1C7
RGB	197, 177, 199
RGB Percent	77%, 69%, 78%
CMY	0.2274, 0.3059, 0.2196
CMYK	0.01, 0.11, 0.00, 0.22
HSL	295°, 16%, 74%
HSV	295°, 11%, 78%
XYZ	49.0569, 47.4381, 60.6037
YIQ	185.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

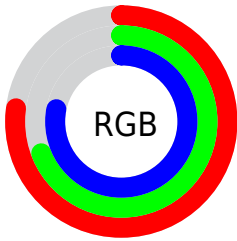
Format	Color
R _Y B	197, 177, 199
Decimal	12956103
CIE Lab	74.47, 11.12, -8.54
CIE LCh	74, 14.018, 322.492
Yxy	47.4381, 0.3123, 0.3020
Android (android.graphics.Color)	4291146183 (0xFFC5B1C7)
YUV	185.4880, 6.6614, 10.0960
Hunter-Lab	68.8753, 6.6060, -3.9568

Details

The XYZ color **49.0569, 47.4381, 60.6037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9513, 53.6061, 49.4697**, and the grayscale version is **46.3492, 48.7630, 53.1029**.

A 20% lighter version of the original color is **88.0620, 86.5687, 106.6758**, and **23.6462, 22.2993, 29.8460** is the 20% darker color. If you saturate the color by 10%, you get **44.9390, 39.9006, 59.3666**, and if you desaturate by 10%, it is **53.7565, 56.1290, 62.0342**.

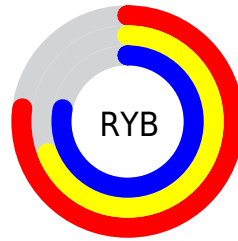
Distribution



Red (77%)

Green (69%)

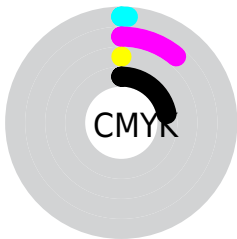
Blue (78%)



Red (77%)

Yellow (69%)

Blue (78%)

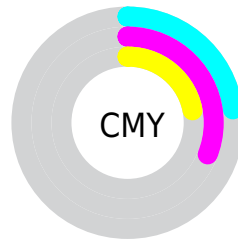


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0569, 47.4381, 60.6037 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 49.0569, 47.4381, 60.6037 by changing the saturation by 10% instead.

■ 49.0569, 47.4381,
60.6037

■ 49.0569, 47.4381,
60.6037

373.4795,
376.5605, 444.6857

■ 34.8793, 33.3821,
43.4769

■ 87.9762, 86.3672,
107.2568

■ 23.7360, 22.4193,
29.9253

113.4486,
112.0091, 137.6203

■ 15.2616, 14.1653,
19.5304

143.4167,
142.2818, 173.2331

■ 9.0907, 8.2358,
11.8734

178.2458,
177.5696, 214.5137

■ 4.8580, 4.2462,
6.5361

218.3013,
218.2570, 261.8808

■ 2.1981, 1.8122,
3.0997

263.9485,

■ 0.7417, 0.4948,

264.7284, 315.7528

1.1458

315.5528,
317.3681, 376.5482

■ 0.0000, 0.0000,
0.0000

■ 49.0569, 47.4381,
60.6037

■ 49.0569, 47.4381,
60.6037

■ 44.9390, 39.9006,
59.3666

■ 53.7565, 56.1290,
62.0342

■ 41.3738, 33.4609,
58.3115

■ 59.0567, 66.0135,
63.6628

■ 38.3362, 28.0681,
57.4307

■ 64.9810, 77.1376,
65.4977

■ 35.7976, 23.6647,
56.7145

■ 71.0360, 88.5146,
67.3745

■ 33.7264, 20.1879,
56.1526

■ 71.5356, 88.7721,
67.3979

■ 32.0875, 17.5674,
55.7332

■ 72.0409, 89.0326,
67.4216

■ 30.8407, 15.7230,
55.4429

■ 72.5521, 89.2961,
67.4455

■ 29.9385, 14.5594,
55.2658

■ 73.0690, 89.5626,
67.4697

■ 29.3439, 13.9364,
55.1769

■ 73.5918, 89.8321,
67.4942

Harmonies

Analogous

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



46.9744, 47.4381, 65.6168



49.0569, 47.4381, 60.6037



50.0833, 47.4381, 53.4931

Triad

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



49.0569, 47.4381, 60.6037



45.7268, 47.4381, 39.0389



40.7433, 47.4381, 57.1648

Complementary

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



49.0569, 47.4381, 60.6037



46.9513, 53.6061, 49.4697

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.



40.4373, 47.4381, 49.8537



49.0569, 47.4381, 60.6037



43.2537, 47.4381, 39.8240

Square

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



49.0569, 47.4381, 60.6037



48.1145, 47.4381, 41.3737



41.3401, 47.4381, 43.6283



42.1921, 47.4381, 63.5055

Rectangle

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



49.0569, 47.4381, 60.6037



50.0046, 47.4381, 48.6979



41.3401, 47.4381, 43.6283



40.5057, 47.4381, 54.7233

Sweetspot

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



49.0583, 47.4401, 60.6047



92.4025, 95.0841, 108.0907



44.6025, 45.7933, 60.5217



19.6300, 20.0777, 23.0907



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.



49.0583, 47.4401, 60.6047



84.2714, 80.0758, 105.6223



48.5929, 47.3149, 55.4029



10.9844, 10.7657, 13.4165



18.9074, 8.9814, 35.4814



0.9238, 0.4400, 1.6814

Inverse Universe

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



47.4136, 46.8432, 49.1927



80.8935, 78.8517, 82.0930



47.3982, 53.7318, 54.2179



10.6724, 10.6523, 11.2580



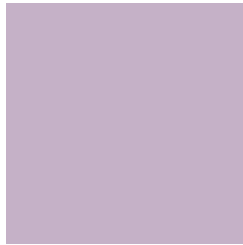
15.2303, 7.8417, 1.1567



0.7349, 0.3768, 0.1272

Previews

White Background



This preview shows how the XYZ color 49.0569, 47.4381, 60.6037 looks on a white background.

Color Contrast Check

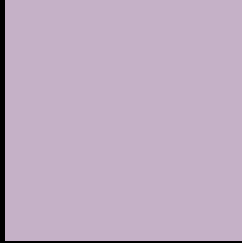
Large Text (above 18pt) WCAG AA × Fail

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 49.0569, 47.4381, 60.6037 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

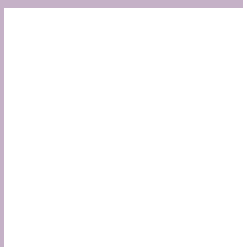
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0569, 47.4381, 60.6037

Background



This preview shows how black text looks on a background with the XYZ color 49.0569, 47.4381, 60.6037.



This preview shows how white text looks on a background with the XYZ color 49.0569, 47.4381,

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

49.0569, 47.4381, 60.6037

Protanopia

46.4447, 47.5439, 62.6061

Deuteranopia

48.4773, 47.4336, 60.6334



Tritanopia

48.1998, 47.3823, 56.4745

Trichromacy



Original Color

49.0569, 47.4381, 60.6037

Protanomaly

47.3574, 47.4244, 61.9162

Deuteranomaly

48.7349, 47.5664, 60.6455

Tritanomaly

48.5357, 47.5167, 58.2433

Monochromacy



Original Color

49.0569, 47.4381, 60.6037

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0085, 47.9924, 55.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0569, 47.4381, 60.6037 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(197, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 177, 199)  
}
```

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(197, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 177, 199) }
```

Border

The CSS property to change the border of an element to XYZ 49.0569, 47.4381, 60.6037 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(197, 177, 199) }
```


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

```
.border{ border-color:rgb(197, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 177,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0569, 47.4381, 60.6037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 177, 199) }
```

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

```
.background{ background-color: rgb(197,  
177, 199) }
```

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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