

Converting Colors

XYZ(47.2040, 47.2942, 60.1403)

Have a look what the booklet for
XYZ(47.2040, 47.2942, 60.1403)
contains.

XYZ(47.2533, 47.4111, 60.0868)	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(47.2533, 47.4111,
60.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB4C6
RGB	188, 180, 198
RGB Percent	74%, 71%, 78%
CMY	0.2627, 0.2941, 0.2235
CMYK	0.05, 0.09, 0.00, 0.22
HSL	267°, 14%, 74%
HSV	267°, 9%, 78%
XYZ	47.2533, 47.4111, 60.0868
YIQ	184.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

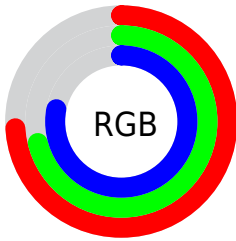
Format	Color
R _Y B	188, 180, 198
Decimal	12367046
CIE Lab	74.45, 6.22, -8.10
CIE LCh	74, 10.208, 307.524
Yxy	47.4111, 0.3054, 0.3064
Android (android.graphics.Color)	4290557126 (0xFFBCB4C6)
YUV	184.4440, 6.6831, 3.1186
Hunter-Lab	68.8557, 2.0009, -3.5403

Details

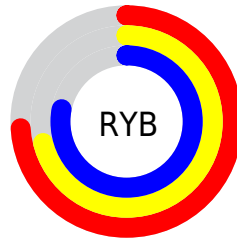
The XYZ color **47.2533, 47.4111, 60.0868** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6693, 54.6319, 51.1096**, and the grayscale version is **45.7712, 48.1549, 52.4407**.

A 20% lighter version of the original color is **85.3537, 86.4440, 106.7945**, and **22.6151, 22.3433, 29.5063** is the 20% darker color. If you saturate the color by 10%, you get **40.9308, 38.6368, 58.7272**, and if you desaturate by 10%, it is **54.3563, 57.4379, 61.6485**.

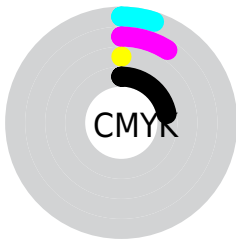
Distribution



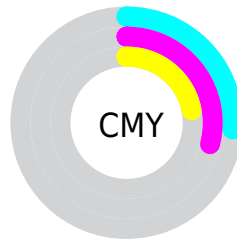
- Red (74%)
- Green (71%)
- Blue (78%)



- Red (74%)
- Yellow (71%)
- Blue (78%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2533, 47.4111, 60.0868 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 47.2533, 47.4111, 60.0868 by changing the saturation by 10% instead.

■ 47.2533, 47.4111,
60.0868

■ 47.2533, 47.4111,
60.0868

366.4567,
376.4531, 442.7312

■ 33.4447, 33.3608,
43.0628

■ 85.3080, 86.3269,
106.5002

■ 22.6282, 22.4030,
29.6027

110.2849,
111.9612, 136.7267

■ 14.4384, 14.1533,
19.2877

139.7153,
142.2256, 172.1911

■ 8.5099, 8.2274,
11.6994

173.9645,
177.5045, 213.3120

■ 4.4775, 4.2408,
6.4193

213.3979,
218.1823, 260.5079

■ 1.9756, 1.8091,
3.0288

258.3808,

■ 0.6202, 0.4929,

264.6434, 314.1974

1.1094

309.2786,
317.2722, 374.7990

■ 0.0000, 0.0000,
0.0000

■ 47.2533, 47.4111,
60.0868

■ 47.2533, 47.4111,
60.0868

■ 40.9308, 38.6368,
58.7272

■ 54.3563, 57.4379,
61.6485

■ 35.3558, 31.0585,
57.5582

■ 62.2626, 68.7588,
63.4170

■ 30.4992, 24.6241,
56.5722

■ 70.9993, 81.4208,
65.4005

■ 26.3283, 19.2753,
55.7596

■ 79.2348, 92.7546,
67.1541

■ 22.8074, 14.9486,
55.1101

■ 82.9191, 94.6539,
67.3265

■ 19.8974, 11.5734,
54.6120

■ 86.8309, 96.6705,
67.5096

■ 17.5542, 9.0699,
54.2522

■ 87.1932, 96.8573,
67.5265

■ 15.7265, 7.3446,
54.0155

■ 14.3310, 6.2395,
53.8758

Harmonies

Analogous

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



45.5279, 47.4111, 62.3385



47.2533, 47.4111, 60.0868



48.4133, 47.4111, 55.5957

Triad

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



47.2533, 47.4111, 60.0868



46.4296, 47.4111, 42.8108



41.6441, 47.4111, 52.9614

Complementary

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



47.2533, 47.4111, 60.0868



49.6693, 54.6319, 51.1096

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.



41.8707, 47.4111, 47.8435



47.2533, 47.4111, 60.0868



44.6009, 47.4111, 42.2110

Square

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



47.2533, 47.4111, 60.0868



47.9287, 47.4111, 45.6912



42.9411, 47.4111, 43.9932



42.3135, 47.4111, 58.0464

Rectangle

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



47.2533, 47.4111, 60.0868



48.6924, 47.4111, 52.0618



42.9411, 47.4111, 43.9932



41.6183, 47.4111, 51.1859

Sweetspot

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



47.2547, 47.4131, 60.0878



91.1113, 94.4185, 108.0303



47.4740, 50.6958, 60.7099



19.2810, 19.8978, 23.0744



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.



47.2547, 47.4131, 60.0878



81.2420, 80.5537, 105.8742



49.4893, 48.5651, 60.1924



10.4966, 10.5143, 13.3937



9.3401, 4.0492, 35.0337



0.5252, 0.2345, 1.6627

Inverse Universe

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



48.9059, 48.3681, 55.4760



84.8031, 82.6139, 95.9036



47.5370, 53.5326, 51.0098



10.8764, 10.7340, 12.3325



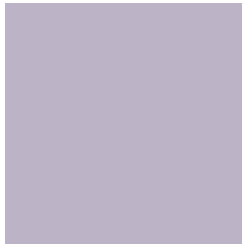
17.0199, 8.5575, 10.5805



0.8419, 0.4196, 0.6908

Previews

White Background



This preview shows how the XYZ color 47.2533, 47.4111, 60.0868 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 47.2533, 47.4111, 60.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

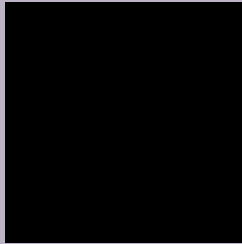
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2533, 47.4111, 60.0868

Background



This preview shows how black text looks on a background with the XYZ color 47.2533, 47.4111, 60.0868.



This preview shows how white text looks on a background with the XYZ color 47.2533, 47.4111,

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

47.2533, 47.4111, 60.0868

Protanopia

46.3282, 47.5245, 60.7642

Deuteranopia

48.3616, 47.3873, 60.0238



Tritanopia

46.8677, 47.5527, 58.3381

Trichromacy



Original Color

47.2533, 47.4111, 60.0868

Protanomaly

46.5998, 47.3616, 60.7185

Deuteranomaly

48.0514, 47.5239, 60.0665

Tritanomaly

46.9812, 47.5981, 58.9357

Monochromacy



Original Color

47.2533, 47.4111, 60.0868

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.1264, 47.8554, 54.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2533, 47.4111, 60.0868 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(188, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 180, 198)  
}
```

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(188, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 180, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.2533, 47.4111, 60.0868 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(188, 180, 198) }
```


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

```
.border{ border-color:rgb(188, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 180,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2533, 47.4111, 60.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 180, 198) }
```

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

```
.background{ background-color: rgb(188,  
180, 198) }
```

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