

Converting Colors

XYZ(47.1940, 47.6314, 51.9330)

Have a look what the booklet for
XYZ(47.1940, 47.6314, 51.9330)
contains.

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Color

**XYZ(47.2211, 47.5725,
52.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B4B8
RGB	194, 180, 184
RGB Percent	76%, 71%, 72%
CMY	0.2392, 0.2941, 0.2784
CMYK	0.00, 0.07, 0.05, 0.24
HSL	343°, 10%, 73%
HSV	343°, 7%, 76%
XYZ	47.2211, 47.5725, 52.0410
YIQ	184.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

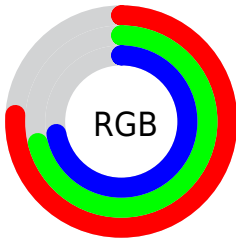
Format	Color
RYB	194, 180, 184
Decimal	12760248
CIELab	74.55, 5.69, -0.24
CIELCh	75, 5.691, 357.549
Yxy	47.5725, 0.3216, 0.3240
Android (android.graphics.Color)	4290950328 (0xFFC2B4B8)
YUV	184.6420, -0.3165, 8.2070
Hunter-Lab	68.9728, 1.5046, 3.5458

Details

The XYZ color **47.2211, 47.5725, 52.0410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4102, 52.0058, 56.2570**, and the grayscale version is **45.9153, 48.3065, 52.6058**.

A 20% lighter version of the original color is **85.5073, 86.7914, 94.6838**, and **22.5013, 22.3929, 24.6090** is the 20% darker color. If you saturate the color by 10%, you get **42.1933, 39.7288, 43.5447**, and if you desaturate by 10%, it is **52.9422, 56.5736, 61.4719**.

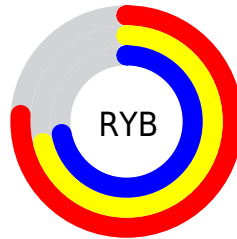
Distribution



Red (76%)

Green (71%)

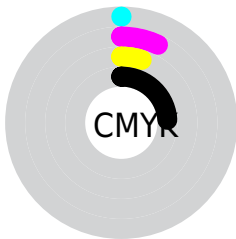
Blue (72%)



Red (76%)

Yellow (71%)

Blue (72%)

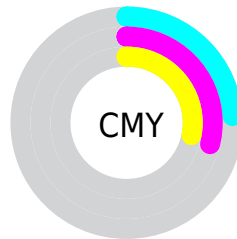


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2211, 47.5725, 52.0410 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 47.2211, 47.5725, 52.0410 by changing the saturation by 10% instead.

■ 47.2211, 47.5725,
52.0410

■ 47.2211, 47.5725,
52.0410

366.3306,
377.0951, 411.5563

■ 33.4192, 33.4885,
36.6553

■ 85.2603, 86.5676,
94.6189

■ 22.6085, 22.5009,
24.6470

110.2283,
112.2474, 122.6482

■ 14.4238, 14.2254,
15.5976

139.6489,
142.5612, 155.7290

■ 8.4997, 8.2776,
9.0886

173.8877,
177.8935, 194.2801

■ 4.4708, 4.2731,
4.7014

213.3099,
218.6287, 238.7197

■ 1.9718, 1.8275,
2.0175

258.2809,

■ 0.6180, 0.5042,

265.1511, 289.4667

0.5660

309.1660,
317.8451, 346.9393

■ 0.0000, 0.0000,
0.0000

■ 47.2211, 47.5725,
52.0410

■ 47.2211, 47.5725,
52.0410

■ 42.1933, 39.7288,
43.5447

■ 52.9422, 56.5736,
61.4719

■ 37.8280, 32.9894,
35.9510

■ 59.3776, 66.7701,
71.8621

■ 34.0980, 27.3062,
29.2303

■ 66.5528, 78.2060,
83.2390

■ 30.9728, 22.6251,
23.3504

■ 73.6539, 89.2477,
95.3493

■ 28.4192, 18.8875,
18.2769

■ 75.7864, 90.1007,
106.5787

■ 26.4006, 16.0282,
13.9729

■ 76.0584, 90.2095,
108.0112

■ 24.8761, 13.9738,
10.3984

■ 23.7984, 12.6390,
7.5092

■ 23.1032, 11.9052,
5.2531

Harmonies

Analogous

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



46.9058, 47.5725, 54.8975



47.2211, 47.5725, 52.0410



46.9925, 47.5725, 49.2226

Triad

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



47.2211, 47.5725, 52.0410



44.3077, 47.5725, 46.9370



44.1633, 47.5725, 56.7266

Complementary

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



47.2211, 47.5725, 52.0410



47.4102, 52.0058, 56.2570

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.



43.4853, 47.5725, 54.4625



47.2211, 47.5725, 52.0410



43.5678, 47.5725, 48.8181

Square

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



47.2211, 47.5725, 52.0410



45.3009, 47.5725, 46.3430



43.2689, 47.5725, 51.5565



45.1317, 47.5725, 57.6659

Rectangle

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



47.2211, 47.5725, 52.0410



46.5643, 47.5725, 47.7305



43.2689, 47.5725, 51.5565



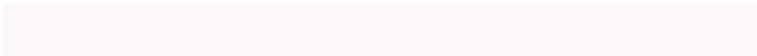
43.8944, 47.5725, 56.0911

Sweetspot

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



47.2224, 47.5746, 52.0420



90.7659, 94.3764, 102.9266



47.2457, 47.4611, 57.7104



19.8995, 20.7032, 22.5772



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.



47.2224, 47.5746, 52.0420



83.7016, 83.2915, 91.1879



47.3801, 48.5511, 50.0565



10.1888, 10.1241, 11.0849



15.1182, 7.7370, 3.2683



0.6839, 0.3466, 0.3027

Inverse Universe

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



47.2224, 47.5746, 52.0420



83.7016, 83.2915, 91.1879



47.2360, 50.9486, 58.3840



10.1888, 10.1241, 11.0849



15.1182, 7.7370, 3.2683



0.6839, 0.3466, 0.3027

Previews

White Background



This preview shows how the XYZ color 47.2211, 47.5725, 52.0410 looks on a white background.

Color Contrast Check

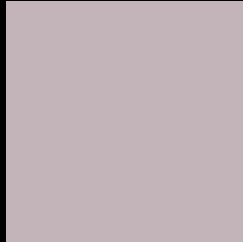
Large Text (above 18pt) WCAG AA × Fail

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 47.2211, 47.5725, 52.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

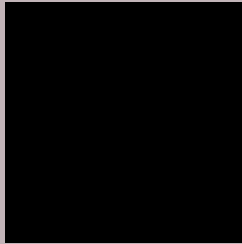
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2211, 47.5725, 52.0410

Background



This preview shows how black text looks on a background with the XYZ color 47.2211, 47.5725, 52.0410.



This preview shows how white text looks on a background with the XYZ color 47.2211, 47.5725,

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

47.2211, 47.5725, 52.0410

Protanopia

45.9401, 47.8089, 52.7057

Deuteranopia

48.6595, 47.7190, 51.9935



Tritanopia

48.2514, 47.6926, 57.1145

Trichromacy



Original Color

47.2211, 47.5725, 52.0410

Protanomaly

46.4712, 47.7775, 52.6716

Deuteranomaly

48.0605, 47.7067, 52.0226

Tritanomaly

47.9200, 47.5600, 55.3695

Monochromacy



Original Color

47.2211, 47.5725, 52.0410

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4295, 48.0611, 52.7286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2211, 47.5725, 52.0410 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(194, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 184)  
}
```

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(194, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.2211, 47.5725, 52.0410 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(194, 180, 184) }
```


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

```
.border{ border-color:rgb(194, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2211, 47.5725, 52.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 184) }
```

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

```
.background{ background-color: rgb(194,  
180, 184) }
```

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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