

Converting Colors

XYZ(47.2084, 47.7053, 49.0803)

Have a look what the booklet for
XYZ(47.2084, 47.7053, 49.0803)
contains.

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Color

**XYZ(47.1221, 47.5926,
48.8222)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B4B2
RGB	196, 180, 178
RGB Percent	77%, 71%, 70%
CMY	0.2314, 0.2941, 0.3020
CMYK	0.00, 0.08, 0.09, 0.23
HSL	7°, 13%, 73%
HSV	7°, 9%, 77%
XYZ	47.1221, 47.5926, 48.8222
YIQ	184.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

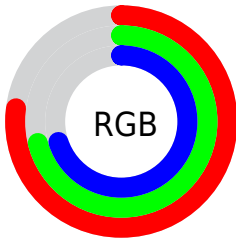
Format	Color
R_{YB}	196, 180, 178
Decimal	12891314
CIE Lab	74.57, 5.35, 3.07
CIE LCh	75, 6.172, 29.842
Yxy	47.5926, 0.3283, 0.3316
Android (android.graphics.Color)	4291081394 (0xFFC4B4B2)
YUV	184.5560, -3.2321, 10.0364
Hunter-Lab	68.9874, 1.1972, 6.3318

Details

The XYZ color **47.1221, 47.5926, 48.8222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6156, 52.0333, 59.7590**, and the grayscale version is **45.8821, 48.2715, 52.5677**.

A 20% lighter version of the original color is **85.3547, 86.8141, 90.1000**, and **22.4464, 22.4102, 22.5446** is the 20% darker color. If you saturate the color by 10%, you get **41.9952, 40.2659, 38.0879**, and if you desaturate by 10%, it is **52.9749, 55.9198, 61.1869**.

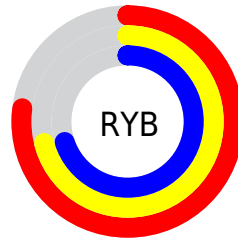
Distribution



Red (77%)

Green (71%)

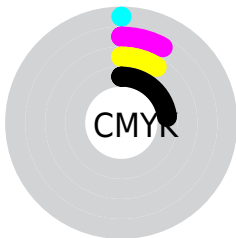
Blue (70%)



Red (77%)

Yellow (71%)

Blue (70%)

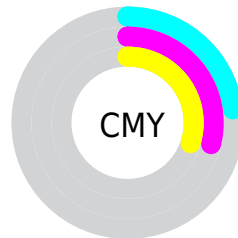


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1221, 47.5926, 48.8222 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 47.1221, 47.5926, 48.8222 by changing the saturation by 10% instead.

■ 47.1221, 47.5926,
48.8222

■ 47.1221, 47.5926,
48.8222

365.9425,
377.1750, 398.6443

■ 33.3405, 33.5044,
34.1139

■ 85.1135, 86.5975,
89.8056

■ 22.5479, 22.5131,
22.7030

110.0540,
112.2830, 116.9177

■ 14.3789, 14.2344,
14.1711

139.4449,
142.6030, 149.0015

■ 8.4681, 8.2839,
8.0997

173.6516,
177.9420, 186.4754

■ 4.4502, 4.2771,
4.0701

213.0393,
218.6842, 229.7582

■ 1.9599, 1.8298,
1.6639

257.9734,

■ 0.6113, 0.5056,

265.2143, 279.2682

0.3358

308.8194,
317.9164, 335.4240

■ 0.0000, 0.0000,
0.0000

■ 47.1221, 47.5926,
48.8222

■ 47.1221, 47.5926,
48.8222

■ 41.9952, 40.2659,
38.0879

■ 52.9749, 55.9198,
61.1869

■ 37.5619, 33.8961,
28.9129

■ 59.5761, 65.2766,
75.2428

■ 33.7935, 28.4455,
21.2255

■ 66.9524, 75.6989,
91.0515

■ 30.6578, 23.8715,
14.9474

■ 74.9013, 87.1281,
107.4774

■ 28.1198, 20.1282,
9.9926

■ 76.5752, 90.4759,
108.0354

■ 26.1411, 17.1656,
6.2662

■ 24.6788, 14.9282,
3.6603

■ 23.6835, 13.3529,
2.0484

■ 23.0851, 12.3616,
1.2153

Harmonies

Analogous

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



47.4151, 47.5926, 51.8372



47.1221, 47.5926, 48.8222



46.3219, 47.5926, 46.6866

Triad

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



47.1221, 47.5926, 48.8222



43.4054, 47.5926, 48.7940



45.2294, 47.5926, 58.2113

Complementary

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



47.1221, 47.5926, 48.8222



47.6156, 52.0333, 59.7590

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.



44.1659, 47.5926, 57.3171



47.1221, 47.5926, 48.8222



43.1235, 47.5926, 51.8033

Square

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



47.1221, 47.5926, 48.8222



44.1760, 47.5926, 46.6708



43.3996, 47.5926, 54.9386



46.3115, 47.5926, 57.3352

Rectangle

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



47.1221, 47.5926, 48.8222



45.6148, 47.5926, 46.0039



43.3996, 47.5926, 54.9386



44.8580, 47.5926, 58.1073

Sweetspot

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



47.1234, 47.5947, 48.8232



91.7119, 95.2557, 101.8316



48.4461, 47.4813, 57.7688



19.4437, 20.1235, 21.4020



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.



47.1234, 47.5947, 48.8232



83.4150, 83.4369, 84.3454



48.9561, 51.2600, 49.4341



10.1615, 10.2544, 10.5056



14.8419, 7.9695, 0.7560



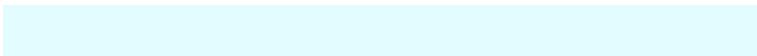
0.6721, 0.4059, 0.0429

Inverse Universe

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



47.6156, 52.0333, 59.7590



84.4849, 93.0871, 108.1225



45.7154, 48.2329, 59.1256



10.2697, 11.2308, 12.9113



16.1902, 22.1369, 36.9762



0.7274, 1.0121, 1.6069

Previews

White Background



This preview shows how the XYZ color 47.1221, 47.5926, 48.8222 looks on a white background.

Color Contrast Check

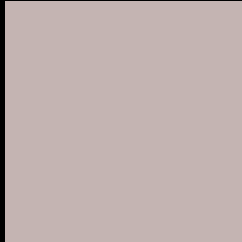
Large Text (above 18pt) WCAG AA × Fail

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 47.1221, 47.5926, 48.8222 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 47.1221, 47.5926, 48.8222

Background



This preview shows how black text looks on a background with the XYZ color 47.1221, 47.5926, 48.8222.



This preview shows how white text looks on a background with the XYZ color 47.1221, 47.5926,

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

47.1221, 47.5926, 48.8222

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

48.4874, 47.3955, 49.2405



Tritanopia

48.7235, 47.6523, 56.4990

Trichromacy



Original Color

47.1221, 47.5926, 48.8222

Protanomaly

46.3505, 47.7869, 49.4287

Deuteranomaly

47.8765, 47.3748, 49.2687

Tritanomaly

48.1157, 47.6984, 53.6844

Monochromacy



Original Color

47.1221, 47.5926, 48.8222

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3632, 48.0632, 51.0895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1221, 47.5926, 48.8222 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(196, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 178)  
}
```

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(196, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.1221, 47.5926, 48.8222 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(196, 180, 178) }
```


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

```
.border{ border-color:rgb(196, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1221, 47.5926, 48.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 178) }
```

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

```
.background{ background-color: rgb(196,  
180, 178) }
```

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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