

Converting Colors

XYZ(47.2176, 48.6699, 52.0348)

Have a look what the booklet for
XYZ(47.2176, 48.6699, 52.0348)
contains.

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Color

**XYZ(47.2781, 48.8180,
52.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB8B8
RGB	191, 184, 184
RGB Percent	75%, 72%, 72%
CMY	0.2510, 0.2784, 0.2784
CMYK	0.00, 0.04, 0.04, 0.25
HSL	0°, 5%, 74%
HSV	0°, 4%, 75%
XYZ	47.2781, 48.8180, 52.2784
YIQ	186.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

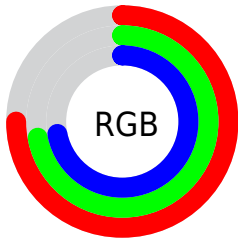
Format	Color
RYB	191, 184, 184
Decimal	12564664
CIELab	75.34, 2.47, 0.87
CIELCh	75, 2.617, 19.419
Yxy	48.8180, 0.3186, 0.3290
Android (android.graphics.Color)	4290754744 (0xFFBFB8B8)
YUV	186.0930, -1.0318, 4.3034
Hunter-Lab	69.8699, -1.4886, 4.5466

Details

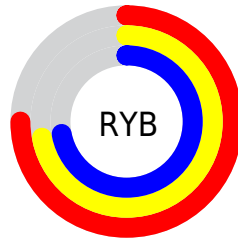
The XYZ color **47.2781, 48.8180, 52.2784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8020, 51.2130, 56.6566**, and the grayscale version is **46.7293, 49.1629, 53.5384**.

A 20% lighter version of the original color is **85.2460, 88.3856, 95.0053**, and **22.6943, 23.2746, 24.7691** is the 20% darker color. If you saturate the color by 10%, you get **41.7082, 40.6684, 41.2017**, and if you desaturate by 10%, it is **53.6564, 58.1504, 64.9595**.

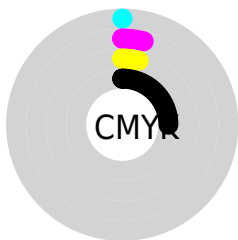
Distribution



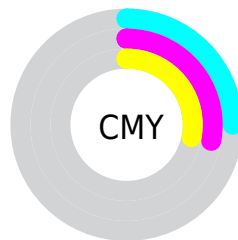
- Red (75%)
- Green (72%)
- Blue (72%)



- Red (75%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2781, 48.8180, 52.2784 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 47.2781, 48.8180, 52.2784 by changing the saturation by 10% instead.

■ 47.2781, 48.8180,
52.2784

■ 47.2781, 48.8180,
52.2784

366.5539,
382.0254, 412.4979

■ 33.4644, 34.4751,
36.8433

■ 85.3448, 88.4211,
94.9724

■ 22.6434, 23.2588,
24.7913

110.3286,
114.4501, 123.0684

■ 14.4497, 14.7848,
15.7040

139.7664,
145.1433, 156.2218

■ 8.5179, 8.6685,
9.1629

174.0236,
180.8850, 194.8511

■ 4.4826, 4.5256,
4.7493

213.4656,
222.0597, 239.3748

■ 1.9786, 1.9717,
2.0448

258.4578,

■ 0.6219, 0.5909,

269.0517, 290.2114

0.5826

309.3654,
322.2455, 347.7797

■ 0.0000, 0.0000,
0.0000

■ 47.2781, 48.8180,
52.2784

■ 47.2781, 48.8180,
52.2784

■ 41.7082, 40.6684,
41.2017

■ 53.6564, 58.1504,
64.9595

■ 36.9104, 33.6484,
31.6625

■ 60.8692, 68.7036,
79.3020

■ 32.8520, 27.7101,
23.5937

■ 68.9465, 80.5215,
95.3639

■ 29.4962, 22.7997,
16.9224

■ 75.2962, 89.8165,
107.9755

■ 26.8032, 18.8590,
11.5691

■ 24.7291, 15.8236,
7.4465

■ 23.2246, 13.6218,
4.4569

■ 22.2333, 12.1708,
2.4876

■ 21.6868, 11.3707,
1.4028

Harmonies

Analogous

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



47.3155, 48.8180, 53.6425



47.2781, 48.8180, 52.2784



47.0045, 48.8180, 51.1674

Triad

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



47.2781, 48.8180, 52.2784



45.7009, 48.8180, 51.4494



46.2304, 48.8180, 55.8019

Complementary

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



47.2781, 48.8180, 52.2784



47.8020, 51.2130, 56.6566

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.



45.8008, 48.8180, 55.1924



47.2781, 48.8180, 52.2784



45.4965, 48.8180, 52.6694

Square

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



47.2781, 48.8180, 52.2784



46.0931, 48.8180, 50.6945



45.5329, 48.8180, 54.0403



46.7083, 48.8180, 55.6929

Rectangle

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



47.2781, 48.8180, 52.2784



46.7260, 48.8180, 50.7123



45.5329, 48.8180, 54.0403



46.0756, 48.8180, 55.6739

Sweetspot

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



47.2795, 48.8201, 52.2795



87.5593, 91.6537, 99.3634



48.0311, 49.1197, 56.2405



19.2396, 20.1444, 21.8438



92.9021, 97.7402, 106.4391



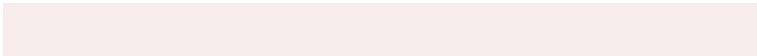
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2795, 48.8201, 52.2795



84.2518, 86.8143, 92.7868



48.0149, 50.2910, 52.5246



10.1073, 10.3810, 11.0621



14.1210, 7.2808, 0.6611



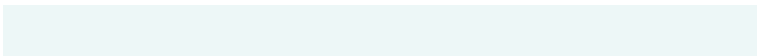
0.5532, 0.2854, 0.0259

Inverse Universe

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



47.8020, 51.2130, 56.6566



85.2866, 91.5532, 101.4556



47.0485, 49.7059, 56.4055



10.2506, 11.0371, 12.2623



18.4120, 26.9358, 36.6216



0.7213, 1.0553, 1.4345

Previews

White Background



This preview shows how the XYZ color 47.2781, 48.8180, 52.2784 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 47.2781, 48.8180, 52.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

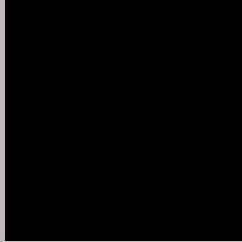
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

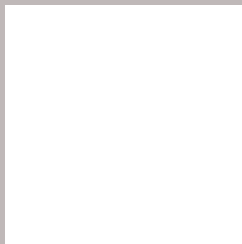
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2781, 48.8180, 52.2784

Background



This preview shows how black text looks on a background with the XYZ color 47.2781, 48.8180, 52.2784.

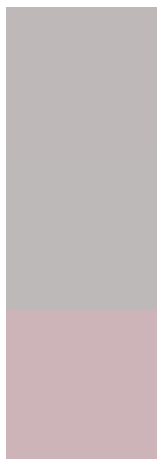


This preview shows how white text looks on a background with the XYZ color 47.2781, 48.8180,

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

47.2781, 48.8180, 52.2784

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

49.9801, 48.9827, 52.7193



Tritanopia

48.6841, 48.7789, 59.0739

Trichromacy



Original Color

47.2781, 48.8180, 52.2784

Protanomaly

47.2359, 49.1058, 52.3362

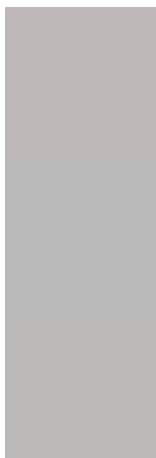
Deuteranomaly

48.8340, 48.6926, 52.7237

Tritanomaly

48.1861, 48.8792, 56.7641

Monochromacy



Original Color

47.2781, 48.8180, 52.2784

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8450, 48.8921, 52.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2781, 48.8180, 52.2784 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, 184, 184) looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 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(191, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.2781, 48.8180, 52.2784 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, 184, 184) }
```


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

```
.border{ border-color:rgb(191, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2781, 48.8180, 52.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 184) }
```

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

```
.background{ background-color: rgb(191,  
184, 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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