

Converting Colors

XYZ(47.3998, 48.0050, 52.0309)

Have a look what the booklet for
XYZ(47.3998, 48.0050, 52.0309)
contains.

XYZ(47.4237, 47.9778, 52.1085)	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(47.4237, 47.9778,
52.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B5B8
RGB	194, 181, 184
RGB Percent	76%, 71%, 72%
CMY	0.2392, 0.2902, 0.2784
CMYK	0.00, 0.07, 0.05, 0.24
HSL	346°, 10%, 74%
HSV	346°, 7%, 76%
XYZ	47.4237, 47.9778, 52.1085
YIQ	185.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

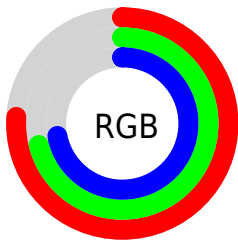
Format	Color
RYB	194, 181, 184
Decimal	12760504
CIELab	74.81, 5.15, 0.13
CIElCh	75, 5.148, 1.460
Yxy	47.9778, 0.3215, 0.3253
Android (android.graphics.Color)	4290950584 (0xFFC2B5B8)
YUV	185.2290, -0.6059, 7.6922
Hunter-Lab	69.2660, 0.9964, 3.8826

Details

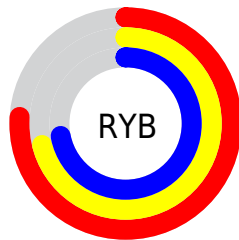
The XYZ color **47.4237, 47.9778, 52.1085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7536, 52.1701, 56.8457**, and the grayscale version is **46.2433, 48.6515, 52.9815**.

A 20% lighter version of the original color is **85.7960, 87.3689, 94.7800**, and **22.6311, 22.6525, 24.6523** is the 20% darker color. If you saturate the color by 10%, you get **42.2675, 40.0384, 43.0730**, and if you desaturate by 10%, it is **53.2970, 57.0860, 62.1989**.

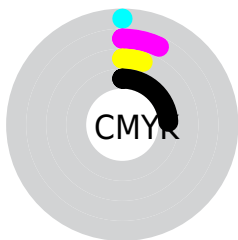
Distribution



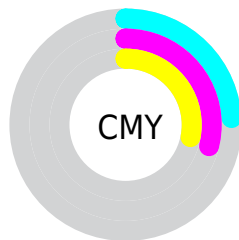
- Red (76%)
- Green (71%)
- Blue (72%)



- 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 47.4237, 47.9778, 52.1085 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 47.4237, 47.9778, 52.1085 by changing the saturation by 10% instead.

■ 47.4237, 47.9778,
52.1085

■ 47.4237, 47.9778,
52.1085

367.1240,
378.7041, 411.8242

■ 33.5801, 33.8093,
36.7087

■ 85.5606, 87.1714,
94.7194

■ 22.7326, 22.7471,
24.6880

110.5846,
112.9652, 122.7677

■ 14.5158, 14.4069,
15.6279

140.0662,
143.4029, 155.8692

■ 8.5643, 8.4042,
9.1097

174.3706,
178.8690, 194.4425

■ 4.5129, 4.3547,
4.7150

213.8632,
219.7478, 238.9061

■ 1.9962, 1.8739,
2.0253

258.9094,

■ 0.6318, 0.5326,

266.4236, 289.6785

0.5707

309.8745,
319.2809, 347.1784

■ 0.0000, 0.0000,
0.0000

■ 47.4237, 47.9778,
52.1085

■ 47.4237, 47.9778,
52.1085

■ 42.2675, 40.0384,
43.0730

■ 53.2970, 57.0860,
62.1989

■ 37.7968, 33.2144,
35.0549

■ 59.9095, 67.4012,
73.3738

■ 33.9834, 27.4574,
28.0190

■ 67.2875, 78.9676,
85.6656

■ 30.7956, 22.7133,
21.9269

■ 74.2935, 89.5035,
98.7174

■ 28.1990, 18.9228,
16.7375

■ 76.0583, 90.2094,
108.0112

■ 26.1561, 16.0208,
12.4068

■ 24.6245, 13.9338,
8.8867

■ 23.5555, 12.5764,
6.1240

■ 22.8862, 11.8358,
4.0572

Harmonies

Analogous

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



47.2002, 47.9778, 54.7402



47.4237, 47.9778, 52.1085



47.1534, 47.9778, 49.5965

Triad

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



47.4237, 47.9778, 52.1085



44.6689, 47.9778, 47.9667



44.7473, 47.9778, 56.8980

Complementary

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



47.4237, 47.9778, 52.1085



47.7536, 52.1701, 56.8457

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.



44.0840, 47.9778, 54.9751



47.4237, 47.9778, 52.1085



44.0392, 47.9778, 49.8164

Square

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



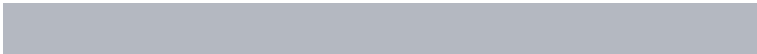
47.4237, 47.9778, 52.1085



45.5556, 47.9778, 47.2563



43.8265, 47.9778, 52.3711



45.6473, 47.9778, 57.5616

Rectangle

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



47.4237, 47.9778, 52.1085



46.7316, 47.9778, 48.3123



43.8265, 47.9778, 52.3711



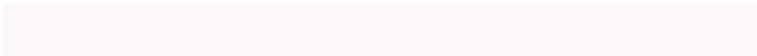
44.4897, 47.9778, 56.3743

Sweetspot

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



47.4251, 47.9799, 52.1095



90.7227, 94.3591, 102.6988



47.7405, 48.0171, 57.7915



19.8905, 20.6995, 22.5298



0.0000, 0.0000, 0.0000



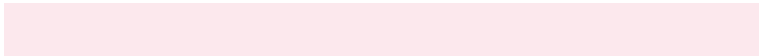
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4251, 47.9799, 52.1095



84.5092, 84.7451, 91.9555



47.8277, 49.2826, 50.7104



10.1662, 10.1151, 10.9659



14.9621, 7.6746, 2.4463



0.6739, 0.3426, 0.2501

Inverse Universe

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



47.4251, 47.9799, 52.1095



84.5092, 84.7451, 91.9555



47.3245, 50.7786, 58.3464



10.1662, 10.1151, 10.9659



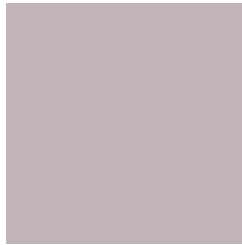
14.9621, 7.6746, 2.4463



0.6739, 0.3426, 0.2501

Previews

White Background



This preview shows how the XYZ color 47.4237, 47.9778, 52.1085 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 47.4237, 47.9778, 52.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

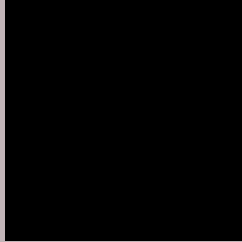
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4237, 47.9778, 52.1085

Background



This preview shows how black text looks on a background with the XYZ color 47.4237, 47.9778, 52.1085.



This preview shows how white text looks on a background with the XYZ color 47.4237, 47.9778,

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

47.4237, 47.9778, 52.1085

Protanopia

46.1840, 47.9346, 52.7171

Deuteranopia

49.0345, 47.9001, 52.5602



Tritanopia

48.5645, 48.1397, 57.7712

Trichromacy



Original Color

47.4237, 47.9778, 52.1085

Protanomaly

46.7201, 47.9058, 52.6833

Deuteranomaly

48.4302, 47.8851, 52.5891

Tritanomaly

48.1212, 47.9623, 55.4366

Monochromacy



Original Color

47.4237, 47.9778, 52.1085

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6365, 48.4751, 52.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4237, 47.9778, 52.1085 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, 181, 184) looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 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, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.4237, 47.9778, 52.1085 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, 181, 184) }
```


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

```
.border{ border-color:rgb(194, 181, 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, 181, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4237, 47.9778, 52.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 184) }
```

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

```
.background{ background-color: rgb(194,  
181, 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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