

Converting Colors

XYZ(47.9464, 48.5138, 53.8514)

Have a look what the booklet for
XYZ(47.9464, 48.5138, 53.8514)
contains.

XYZ(47.9457, 48.5131, 53.8507)	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(47.9457, 48.5131,
53.8507)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B6BB
RGB	194, 182, 187
RGB Percent	76%, 71%, 73%
CMY	0.2392, 0.2863, 0.2667
CMYK	0.00, 0.06, 0.04, 0.24
HSL	335°, 9%, 74%
HSV	335°, 6%, 76%
XYZ	47.9457, 48.5131, 53.8507
YIQ	186.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

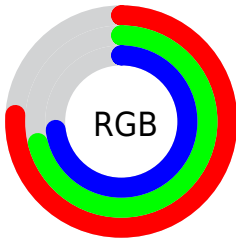
Format	Color
RYB	194, 182, 187
Decimal	12760763
CIELab	75.15, 5.15, -1.01
CIElCh	75, 5.244, 348.861
Yxy	48.5131, 0.3190, 0.3228
Android (android.graphics.Color)	4290950843 (0xFFC2B6BB)
YUV	186.1580, 0.4151, 6.8774
Hunter-Lab	69.6513, 0.9837, 2.9161

Details

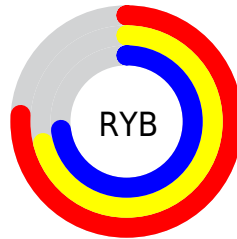
The XYZ color **47.9457, 48.5131, 53.8507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7703, 52.2040, 55.7052**, and the grayscale version is **46.7574, 49.1924, 53.5705**.

A 20% lighter version of the original color is **86.1765, 87.9441, 97.2269**, and **22.9686, 22.9972, 25.7826** is the 20% darker color. If you saturate the color by 10%, you get **43.0805, 40.6457, 46.4842**, and if you desaturate by 10%, it is **53.4596, 57.5238, 61.9060**.

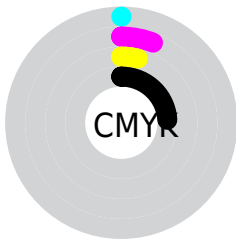
Distribution



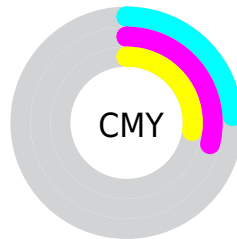
- Red (76%)
- Green (71%)
- Blue (73%)



- Red (76%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9457, 48.5131, 53.8507 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 47.9457, 48.5131, 53.8507 by changing the saturation by 10% instead.

■ 47.9457, 48.5131,
53.8507

■ 47.9457, 48.5131,
53.8507

369.1630,
380.8223, 418.6989

■ 33.9950, 34.2334,
38.0899

■ 86.3337, 87.9679,
97.3092

■ 23.0526, 23.0730,
25.7501

111.5017,
113.9117, 125.8440

■ 14.7533, 14.6474,
16.4127

141.1395,
144.5124, 159.4739

■ 8.7316, 8.5723,
9.6592

175.6125,
180.1544, 198.6175

■ 4.6222, 4.4633,
5.0709

215.2860,
221.2219, 243.6932

■ 2.0598, 1.9359,
2.2295

260.5253,

■ 0.6672, 0.5699,

268.0995, 295.1197

0.6913

311.6959,
321.1715, 353.3154

■ 0.0000, 0.0000,
0.0000

■ 47.9457, 48.5131,
53.8507

■ 47.9457, 48.5131,
53.8507

■ 43.0805, 40.6457,
46.4842

■ 53.4596, 57.5238,
61.9060

■ 38.8352, 33.8693,
39.7842

■ 59.6415, 67.7147,
70.6651

■ 35.1848, 28.1371,
33.7319

■ 66.5147, 79.1288,
80.1466

■ 32.1012, 23.3964,
28.3062

■ 72.6137, 88.8316,
89.8717

■ 29.5536, 19.5897,
23.4848

■ 74.2768, 89.4968,
98.6294

■ 27.5083, 16.6537,
19.2437

■ 76.0454, 90.2043,
107.9428

■ 25.9276, 14.5171,
15.5571

■ 76.0584, 90.2095,
108.0112

■ 24.7677, 13.0971,
12.3964

■ 23.9734, 12.2880,
9.7286

Harmonies

Analogous

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



47.5148, 48.5131, 56.3783



47.9457, 48.5131, 53.8507



47.8797, 48.5131, 51.1314

Triad

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



47.9457, 48.5131, 53.8507



45.5159, 48.5131, 47.9748



44.9062, 48.5131, 56.9059

Complementary

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



47.9457, 48.5131, 53.8507



47.7703, 52.2040, 55.7052

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.



44.3850, 48.5131, 54.5505



47.9457, 48.5131, 53.8507



44.7336, 48.5131, 49.4194

Square

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



47.9457, 48.5131, 53.8507



46.4679, 48.5131, 47.8022



44.3222, 48.5131, 51.8075



45.7545, 48.5131, 58.1826

Rectangle

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



47.9457, 48.5131, 53.8507



47.5630, 48.5131, 49.5736



44.3222, 48.5131, 51.8075



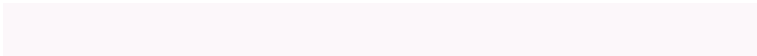
44.6874, 48.5131, 56.2103

Sweetspot

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



47.9471, 48.5152, 53.8517



90.8692, 94.4177, 103.4703



47.4535, 48.1721, 57.8366



19.9210, 20.7118, 22.6906



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.



47.9471, 48.5152, 53.8517



86.0009, 86.4886, 96.2751



47.6268, 48.7158, 51.1514



10.4521, 10.4846, 11.6846



15.6380, 7.9450, 6.0059



0.7100, 0.3570, 0.4401

Inverse Universe

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



47.9471, 48.5152, 53.8517



86.0009, 86.4886, 96.2751



48.1005, 51.9812, 58.5377



10.4521, 10.4846, 11.6846



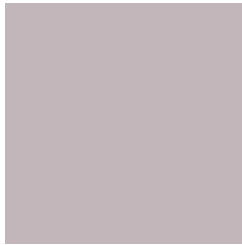
15.6380, 7.9450, 6.0059



0.7100, 0.3570, 0.4401

Previews

White Background



This preview shows how the XYZ color 47.9457, 48.5131, 53.8507 looks on a white background.

Color Contrast Check

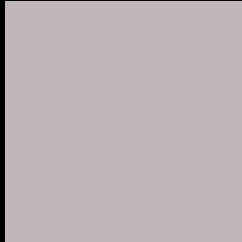
Large Text (above 18pt) WCAG AA × Fail

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 47.9457, 48.5131, 53.8507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

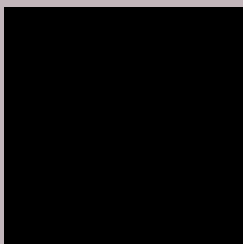
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

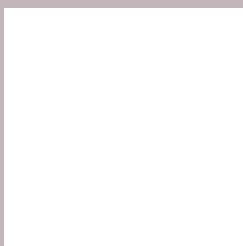
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9457, 48.5131, 53.8507

Background



This preview shows how black text looks on a background with the XYZ color 47.9457, 48.5131, 53.8507.



This preview shows how white text looks on a background with the XYZ color 47.9457, 48.5131,

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

47.9457, 48.5131, 53.8507

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.5543, 48.4276, 54.3126



Tritanopia

48.8799, 48.5900, 58.4323

Trichromacy



Original Color

47.9457, 48.5131, 53.8507

Protanomaly

47.2458, 48.4450, 54.4376

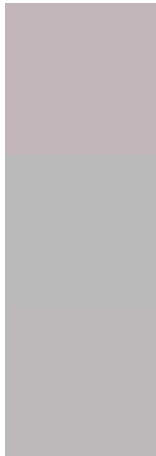
Deuteranomaly

48.9515, 48.4155, 54.3420

Tritanomaly

48.5440, 48.4556, 56.6635

Monochromacy



Original Color

47.9457, 48.5131, 53.8507

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1982, 49.0619, 53.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9457, 48.5131, 53.8507 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, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 187)  
}
```

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, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.9457, 48.5131, 53.8507 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, 182, 187) }
```


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

```
.border{ border-color:rgb(194, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9457, 48.5131, 53.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 187) }
```

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

```
.background{ background-color: rgb(194,  
182, 187) }
```

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