

Converting Colors

XYZ(47.9233, 57.5383, 53.0842)

Have a look what the booklet for
XYZ(47.9233, 57.5383, 53.0842)
contains.

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Color

**XYZ(47.8215, 57.5244,
52.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD1B6
RGB	170, 209, 182
RGB Percent	67%, 82%, 71%
CMY	0.3333, 0.1804, 0.2863
CMYK	0.19, 0.00, 0.13, 0.18
HSL	138°, 30%, 74%
HSV	138°, 19%, 82%
XYZ	47.8215, 57.5244, 52.8388
YIQ	194.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

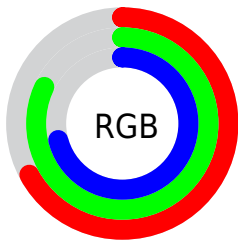
Format	Color
RYB	170, 200, 209
Decimal	11194806
CIELab	80.47, -18.16, 9.17
CIElCh	80, 20.340, 153.211
Yxy	57.5244, 0.3023, 0.3637
Android (android.graphics.Color)	4289384886 (0xFFAAD1B6)
YUV	194.2610, -6.0447, -21.2769
Hunter-Lab	75.8448, -20.1811, 11.7858

Details

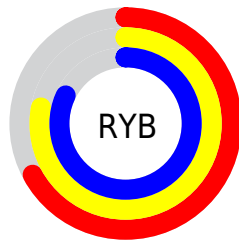
The XYZ color **47.8215, 57.5244, 52.8388** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.7493, 46.3373, 59.0951**, and the grayscale version is **51.4749, 54.1556, 58.9754**.

A 20% lighter version of the original color is **82.5566, 93.8618, 94.6549**, and **22.8542, 28.4781, 25.0612** is the 20% darker color. If you saturate the color by 10%, you get **42.2387, 54.8119, 45.1710**, and if you desaturate by 10%, it is **54.2803, 60.6738, 61.3567**.

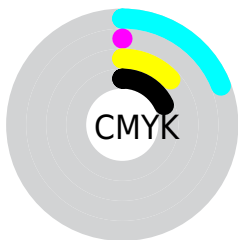
Distribution



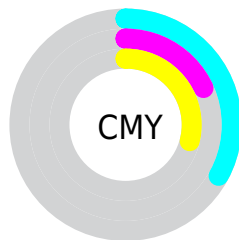
- Red (67%)
- Green (82%)
- Blue (71%)



- Red (67%)
- Yellow (78%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8215, 57.5244, 52.8388 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 47.8215, 57.5244, 52.8388 by changing the saturation by 10% instead.

 47.8215, 57.5244,
52.8388

 47.8215, 57.5244,
52.8388

368.6785,
415.4114, 414.7151

 33.8962, 41.4264,
37.2873


 86.1499, 101.2300,
95.8063

 22.9764, 28.6524,
25.1325


111.2837,
129.6063, 124.0593

 14.6967, 18.8180,
15.9558


140.8844,
162.8442, 157.3832

 8.6917, 11.5389,
9.3389

175.3173,
201.3281, 196.1965

 4.5961, 6.4305,
4.8631

214.9478,
245.4424, 240.9178

 2.0446, 3.1086,
2.1098

260.1413,

 0.6588, 1.1887,

295.5715, 291.9657

0.6216

311.2631,
352.0997, 349.7586

■ 0.0000, 0.0524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.8215, 57.5244,
52.8388

■ 47.8215, 57.5244,
52.8388

■ 42.2387, 54.8119,
45.1710

■ 54.2803, 60.6738,
61.3567

■ 37.4887, 52.5099,
38.3233

■ 61.6465, 64.2710,
70.7459

■ 33.5315, 50.5998,
32.2695

■ 69.9556, 68.3355,
81.0317

■ 30.3220, 49.0589,
26.9804

■ 79.2400, 72.8834,
92.2371

■ 27.8103, 47.8623,
22.4253

■ 81.9873, 74.0415,
104.0312

■ 25.9400, 46.9815,
18.5711

■ 82.0916, 74.0832,
104.5805

■ 24.6456, 46.3835,
15.3821

■ 23.8271, 46.0174,
12.8182

■ 23.7357, 45.9768,
12.5196

Harmonies

Analogous

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



50.3975, 57.5244, 45.3101



47.8215, 57.5244, 52.8388



47.0497, 57.5244, 63.9303

Triad

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



47.8215, 57.5244, 52.8388



55.1259, 57.5244, 88.4901



61.6661, 57.5244, 50.8732

Complementary

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



47.8215, 57.5244, 52.8388



50.7493, 46.3373, 59.0951

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.



63.0831, 57.5244, 61.3559



47.8215, 57.5244, 52.8388



59.1884, 57.5244, 83.8920

Square

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



47.8215, 57.5244, 52.8388



51.1384, 57.5244, 85.4658



62.1544, 57.5244, 73.5712



58.3714, 57.5244, 44.2807

Rectangle

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



47.8215, 57.5244, 52.8388



47.6282, 57.5244, 72.1336



62.1544, 57.5244, 73.5712



62.3852, 57.5244, 54.0079

Sweetspot

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



47.8231, 57.5268, 52.8401



87.9845, 96.5492, 99.9112



53.1629, 60.4168, 46.8904



18.6746, 20.5885, 21.1823



0.0000, 0.0000, 0.0000



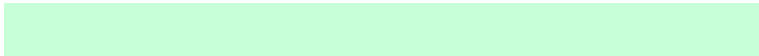
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8231, 57.5268, 52.8401



71.7021, 88.6146, 78.3999



49.9460, 58.3760, 64.0194



11.8039, 13.2653, 13.3240



14.6730, 28.3621, 7.9242



0.8558, 1.6000, 0.6296

Inverse Universe

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



50.7493, 46.3373, 59.0951



77.0348, 68.2186, 89.7957



48.6867, 45.5123, 48.2339



12.1495, 11.9445, 14.0629



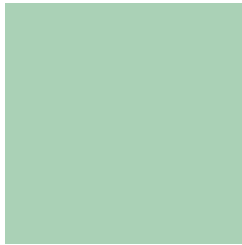
19.3950, 9.6308, 17.5182



1.1191, 0.5523, 1.1618

Previews

White Background



This preview shows how the XYZ color 47.8215, 57.5244, 52.8388 looks on a white background.

Color Contrast Check

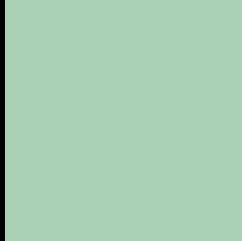
Large Text (above 18pt) WCAG AA × Fail

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 47.8215, 57.5244, 52.8388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

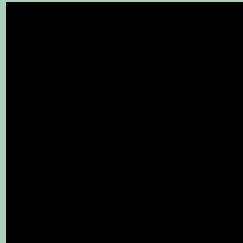
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8215, 57.5244, 52.8388

Background



This preview shows how black text looks on a background with the XYZ color 47.8215, 57.5244, 52.8388.



This preview shows how white text looks on a background with the XYZ color 47.8215, 57.5244,

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

47.8215, 57.5244, 52.8388

Protanopia

54.3717, 57.4311, 49.8146

Deuteranopia

58.3471, 57.0493, 53.8353



Tritanopia

52.6426, 57.7001, 76.0728

Trichromacy



Original Color

47.8215, 57.5244, 52.8388

Protanomaly

51.7408, 57.4359, 51.0070

Deuteranomaly

53.7477, 56.6862, 53.4561

Tritanomaly

50.6674, 57.5975, 66.8395

Monochromacy



Original Color

47.8215, 57.5244, 52.8388

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.7253, 54.8788, 56.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8215, 57.5244, 52.8388 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(170, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 182)  
}
```

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(170, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.8215, 57.5244, 52.8388 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(170, 209, 182) }
```


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

```
.border{ border-color:rgb(170, 209, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 209, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 209, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 209, 182); box-shadow:4px 4px 4px 4px rgb(170, 209, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8215, 57.5244, 52.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 182) }
```

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

```
.background{ background-color: rgb(170,  
209, 182) }
```

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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