

Converting Colors

XYZ(47.2267, 58.5021, 55.9146)

Have a look what the booklet for
XYZ(47.2267, 58.5021, 55.9146)
contains.

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Color

**XYZ(47.2611, 58.6499,
55.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D5BB
RGB	160, 213, 187
RGB Percent	63%, 84%, 73%
CMY	0.3725, 0.1647, 0.2667
CMYK	0.25, 0.00, 0.12, 0.16
HSL	151°, 39%, 73%
HSV	151°, 25%, 84%
XYZ	47.2611, 58.6499, 55.8434
YIQ	194.1890, -23.2420, -19.3220

Conversions

Conversions Part 2

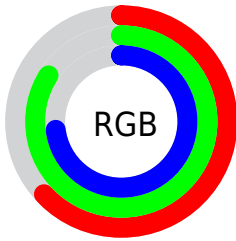
Format	Color
RYB	160, 195, 213
Decimal	10540475
CIELab	81.10, -22.41, 7.32
CIELCh	81, 23.576, 161.910
Yxy	58.6499, 0.2922, 0.3626
Android (android.graphics.Color)	4288730555 (0xFFA0D5BB)
YUV	194.1890, -3.5442, -29.9838
Hunter-Lab	76.5832, -23.8646, 10.3748

Details

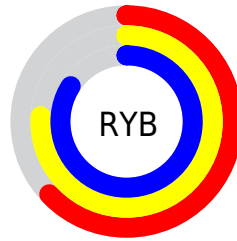
The XYZ color **47.2611, 58.6499, 55.8434** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.8763, 42.8344, 52.1486**, and the grayscale version is **51.4216, 54.0995, 58.9143**.

A 20% lighter version of the original color is **80.2566, 92.5900, 98.4357**, and **22.5933, 29.3007, 27.0191** is the 20% darker color. If you saturate the color by 10%, you get **42.2842, 56.2104, 49.9823**, and if you desaturate by 10%, it is **53.0522, 61.5029, 62.1701**.

Distribution



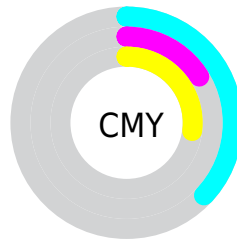
- Red (63%)
- Green (84%)
- Blue (73%)



- Red (63%)
- Yellow (76%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)





- Cyan (37%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2611, 58.6499, 55.8434 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 47.2611, 58.6499, 55.8434 by changing the saturation by 10% instead.


 47.2611, 58.6499,
55.8434


 47.2611, 58.6499,
55.8434


366.4873,
419.6033, 426.4728

 33.4509, 42.3314,
39.6742


 85.3196, 102.8687,
100.2591

 22.6330, 29.3608,
26.9728


 110.2986,
131.5377, 129.3427

 14.4419, 19.3540,
17.3205


139.7313,
165.0923, 163.5682

 8.5124, 11.9263,
10.2989

173.9831,
203.9169, 203.3541

 4.4791, 6.6935,
5.4894

213.4192,
248.3959, 249.1189

 1.9766, 3.2712,
2.4735

258.4050,

 0.6208, 1.2749,

298.9137, 301.2813

0.8260

309.3059,
355.8547, 360.2598

■ 0.0000, 0.1216,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.2611, 58.6499,
55.8434

■ 47.2611, 58.6499,
55.8434

■ 42.2842, 56.2104,
49.9823

■ 53.0522, 61.5029,
62.1701

■ 38.0777, 54.1573,
44.5720

■ 59.6889, 64.7806,
68.9689

■ 34.6011, 52.4714,
39.6027

■ 67.2067, 68.5028,
76.2510

■ 31.8078, 51.1290,
35.0625

■ 75.6376, 72.6858,
84.0263

■ 29.6457, 50.1034,
30.9389

■ 80.6524, 75.0975,
92.1001

■ 28.0545, 49.3638,
27.2189

■ 82.2437, 75.7340,
100.4799

■ 26.9609, 48.8726,
23.8882

■ 83.0853, 76.0706,
104.9118

■ 26.5291, 48.6841,
22.3278

Harmonies

Analogous

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



49.6862, 58.6499, 45.8125



47.2611, 58.6499, 55.8434



47.0260, 58.6499, 69.5911

Triad

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



47.2611, 58.6499, 55.8434



57.7118, 58.6499, 94.0631



63.0536, 58.6499, 47.4805

Complementary

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



47.2611, 58.6499, 55.8434



48.8763, 42.8344, 52.1486

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.



65.4800, 58.6499, 58.4521



47.2611, 58.6499, 55.8434



62.2772, 58.6499, 86.1154

Square

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



47.2611, 58.6499, 55.8434



52.8707, 58.6499, 93.0920



65.1878, 58.6499, 72.6088



58.7216, 58.6499, 41.4938

Rectangle

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



47.2611, 58.6499, 55.8434



48.1244, 58.6499, 79.2087



65.1878, 58.6499, 72.6088



64.1303, 58.6499, 50.6340

Sweetspot

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



47.2627, 58.6523, 55.8447



87.4070, 96.2191, 101.3497



50.5128, 60.6310, 42.2992



18.5743, 20.5284, 21.5573



0.0000, 0.0000, 0.0000



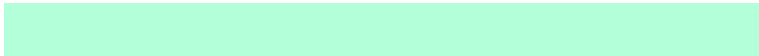
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2627, 58.6523, 55.8447



66.8206, 86.0785, 79.0595



50.3037, 59.8687, 71.8581



12.5238, 14.0005, 14.5726



16.2562, 29.7578, 13.9108



1.0223, 1.8116, 1.0590

Inverse Universe

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



48.8763, 42.8344, 52.1486



69.6586, 58.2596, 72.5600



46.3583, 41.8272, 38.8887



12.6746, 12.5214, 14.2269



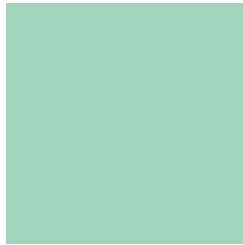
18.3550, 9.2783, 9.1736



1.1488, 0.5763, 0.7732

Previews

White Background



This preview shows how the XYZ color 47.2611, 58.6499, 55.8434 looks on a white background.

Color Contrast Check

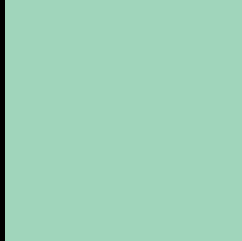
Large Text (above 18pt) WCAG AA × Fail

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 47.2611, 58.6499, 55.8434 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

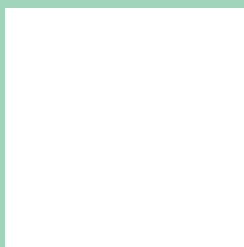
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2611, 58.6499, 55.8434

Background



This preview shows how black text looks on a background with the XYZ color 47.2611, 58.6499, 55.8434.

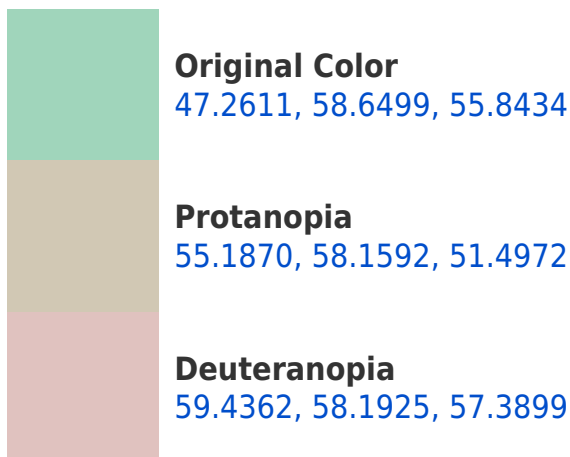


This preview shows how white text looks on a background with the XYZ color 47.2611, 58.6499,

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





Tritanopia

51.9468, 58.7091, 79.1151

Trichromacy



Original Color

47.2611, 58.6499, 55.8434

Protanomaly

51.8644, 58.1579, 53.2918

Deuteranomaly

54.2683, 57.9085, 57.0324

Tritanomaly

50.1143, 58.6888, 70.3148

Monochromacy



Original Color

47.2611, 58.6499, 55.8434

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5820, 55.4800, 57.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2611, 58.6499, 55.8434 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(160, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 213, 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(160, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 213, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.2611, 58.6499, 55.8434 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(160, 213, 187) }
```


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

```
.border{ border-color:rgb(160, 213, 187) }
```

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

Here you see how a box with a 4 pixel rgb(160, 213, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 213,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2611, 58.6499, 55.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 213, 187) }
```

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

```
.background{ background-color: rgb(160,  
213, 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](#).

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