

Converting Colors

XYZ(47.3300, 63.3209, 57.3046)

Have a look what the booklet for
XYZ(47.3300, 63.3209, 57.3046)
contains.

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Color

**XYZ(47.3300, 63.3209,
57.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE1BC
RGB	143, 225, 188
RGB Percent	56%, 88%, 74%
CMY	0.4392, 0.1176, 0.2627
CMYK	0.36, 0.00, 0.16, 0.12
HSL	153°, 58%, 72%
HSV	153°, 36%, 88%
XYZ	47.3300, 63.3209, 57.3046
YIQ	196.2640, -36.9950, -28.8910

Conversions

Conversions Part 2

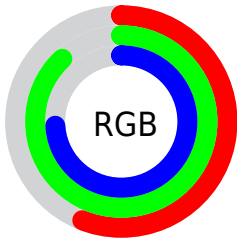
Format	Color
RYB	143, 196, 225
Decimal	9429436
CIELab	83.61, -33.05, 10.27
CIELCh	84, 34.605, 162.740
Yxy	63.3209, 0.2818, 0.3770
Android (android.graphics.Color)	4287619516 (0xFF8FE1BC)
YUV	196.2640, -4.0742, -46.7125
Hunter-Lab	79.5744, -33.0854, 13.0051

Details

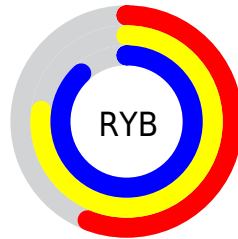
The XYZ color **47.3300, 63.3209, 57.3046** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.1141, 38.9493, 48.1118**, and the grayscale version is **52.6688, 55.4117, 60.3433**.

A 20% lighter version of the original color is **75.6423, 90.1938, 99.0103**, and **22.6810, 32.2491, 27.9509** is the 20% darker color. If you saturate the color by 10%, you get **42.7626, 61.0901, 51.5777**, and if you desaturate by 10%, it is **52.7591, 65.9904, 63.4765**.

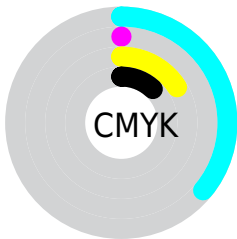
Distribution



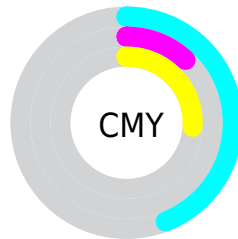
- Red (56%)
- Green (88%)
- Blue (74%)



- Red (56%)
- Yellow (77%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (44%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3300, 63.3209, 57.3046 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 47.3300, 63.3209, 57.3046 by changing the saturation by 10% instead.


 47.3300, 63.3209,
57.3046


 47.3300, 63.3209,
57.3046


366.7572,
436.7332, 432.1154

 33.5056, 46.1009,
40.8389


 85.4217, 109.6323,
102.4142

 22.6752, 32.3254,
27.8744


 110.4199,
139.4925, 131.8952

 14.4732, 21.6102,
17.9928


139.8733,
174.3349, 166.5517

 8.5344, 13.5707,
10.7754

174.1473,
214.5438, 206.8022

 4.4934, 7.8227,
5.8038

213.6074,
260.5037, 253.0653

 1.9849, 3.9817,
2.6593

258.6188,

 0.6255, 1.6633,

312.5990, 305.7595

0.9228

309.5469,
371.2140, 365.3033

■ 0.0000, 0.3998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3300, 63.3209,
57.3046

■ 47.3300, 63.3209,
57.3046

■ 42.7626, 61.0901,
51.5777

■ 52.7591, 65.9904,
63.4765

■ 39.0031, 59.2653,
46.2811

■ 59.0892, 69.1137,
70.0993

■ 35.9996, 57.8218,
41.4052

■ 66.3636, 72.7145,
77.1839

■ 33.6917, 56.7285,
36.9384

■ 74.6209, 76.8126,
84.7398

■ 32.0089, 55.9493,
32.8683

■ 83.7119, 81.3310,
92.7673

■ 30.8627, 55.4388,
29.1814

■ 85.2528, 81.9473,
100.8812

■ 30.5313, 55.2947,
27.9586

■ 86.2164, 82.3327,
105.9555

Harmonies

Analogous

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



50.8389, 63.3209, 42.6432



47.3300, 63.3209, 57.3046



47.0774, 63.3209, 78.5508

Triad

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



47.3300, 63.3209, 57.3046



63.4511, 63.3209, 118.1081



71.5174, 63.3209, 44.3528

Complementary

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



47.3300, 63.3209, 57.3046



49.1141, 38.9493, 48.1118

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.



75.5235, 63.3209, 60.1573



47.3300, 63.3209, 57.3046



70.6108, 63.3209, 104.3073

Square

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



47.3300, 63.3209, 57.3046



55.9693, 63.3209, 116.8943



75.1784, 63.3209, 82.0653



64.6064, 63.3209, 36.3133

Rectangle

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



47.3300, 63.3209, 57.3046



48.7554, 63.3209, 94.0307



75.1784, 63.3209, 82.0653



73.2734, 63.3209, 48.7731

Sweetspot

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



47.3317, 63.3235, 57.3060



83.5013, 94.2742, 98.0704



51.0038, 65.6924, 35.9792



17.5916, 20.0394, 20.7167



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.



47.3317, 63.3235, 57.3060



57.9968, 81.7193, 70.0771



51.1125, 63.6629, 80.8315



13.8419, 15.4625, 16.2028



17.6525, 31.8858, 16.4250



1.2685, 2.2281, 1.3753

Inverse Universe

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



49.1141, 38.9493, 48.1118



60.7060, 44.7143, 56.1344



46.2489, 38.4678, 30.9749



13.9631, 13.8029, 15.5756



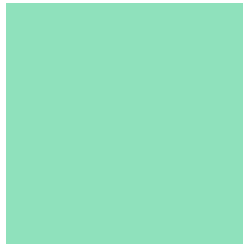
19.3189, 9.7946, 8.3451



1.3838, 0.6968, 0.8137

Previews

White Background



This preview shows how the XYZ color 47.3300, 63.3209, 57.3046 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 47.3300, 63.3209, 57.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

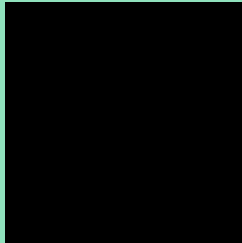
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3300, 63.3209, 57.3046

Background



This preview shows how black text looks on a background with the XYZ color 47.3300, 63.3209, 57.3046.

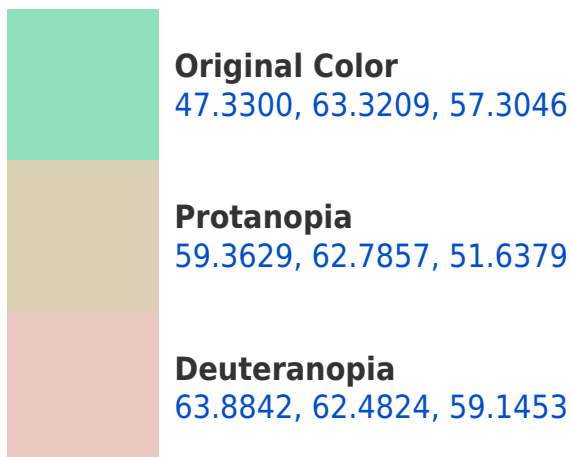


This preview shows how white text looks on a background with the XYZ color 47.3300, 63.3209,

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

53.5382, 63.0690, 88.7086

Trichromacy



Original Color

47.3300, 63.3209, 57.3046



Protanomaly

53.9759, 62.5469, 53.4839



Deuteranomaly

56.0239, 61.6419, 58.2355



Tritanomaly

51.2203, 63.3114, 76.5386

Monochromacy



Original Color

47.3300, 63.3209, 57.3046



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

50.0699, 57.8230, 58.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3300, 63.3209, 57.3046 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(143, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 225, 188)  
}
```

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(143, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 225, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.3300, 63.3209, 57.3046 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(143, 225, 188) }
```


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

```
.border{ border-color:rgb(143, 225, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(143, 225,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3300, 63.3209, 57.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 225, 188) }
```

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

```
.background{ background-color: rgb(143,  
225, 188) }
```

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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