

Converting Colors

XYZ(35.2395, 48.3011, 47.0009)

Have a look what the booklet for
XYZ(35.2395, 48.3011, 47.0009)
contains.

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Color

**XYZ(35.2395, 48.3011,
47.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	71C9AD
RGB	113, 201, 173
RGB Percent	44%, 79%, 68%
CMY	0.5569, 0.2118, 0.3216
CMYK	0.44, 0.00, 0.14, 0.21
HSL	161°, 45%, 62%
HSV	161°, 44%, 79%
XYZ	35.2395, 48.3011, 47.0009
YIQ	171.4960, -43.4600, -27.3640

Conversions

Conversions Part 2

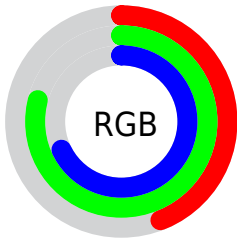
Format	Color
RYB	113, 165, 201
Decimal	7457197
CIELab	75.01, -33.11, 5.77
CIElCh	75, 33.605, 170.113
Yxy	48.3011, 0.2699, 0.3700
Android (android.graphics.Color)	4285647277 (0xFF71C9AD)
YUV	171.4960, 0.7415, -51.3010
Hunter-Lab	69.4990, -31.1147, 8.5526

Details

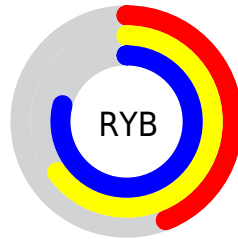
The XYZ color **35.2395, 48.3011, 47.0009** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.8018, 26.1521, 28.4147**, and the grayscale version is **38.9713, 41.0009, 44.6500**.

A 20% lighter version of the original color is **66.1258, 85.5565, 86.4276**, and **15.4174, 22.8081, 21.6790** is the 20% darker color. If you saturate the color by 10%, you get **32.3304, 46.8725, 43.7117**, and if you desaturate by 10%, it is **38.7536, 50.0407, 50.4752**.

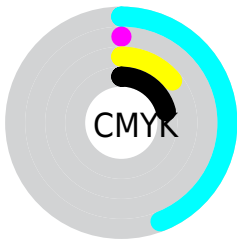
Distribution



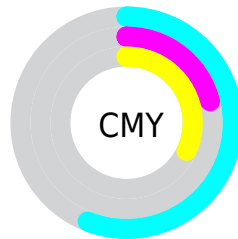
- Red (44%)
- Green (79%)
- Blue (68%)



- Red (44%)
- Yellow (65%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2395, 48.3011, 47.0009 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 35.2395, 48.3011, 47.0009 by changing the saturation by 10% instead.

35.2395, 48.3011,
47.0009

35.2395, 48.3011,
47.0009

317.1137,
379.9844, 391.2120

24.0148, 34.0654,
32.6820

67.1882, 87.6525,
87.0650

15.4694, 22.9438,
21.6138

88.6429, 113.5371,
113.6472

9.2379, 14.5520,
13.3778

114.2384,
144.0733, 145.1543

4.9551, 8.5056,
7.5555

144.3399,
179.6457, 182.0049

2.2554, 4.4201,
3.7282

179.3128,
220.6386, 224.6174

0.7717, 1.9113,
1.4774

219.5225,

0.0000, 0.5551,

267.4364, 273.4104

0.2010

265.3344,
320.4235, 328.8024

■ 0.0000, 0.0000,
0.0000

■ 35.2395, 48.3011,
47.0009

■ 35.2395, 48.3011,
47.0009

■ 32.3304, 46.8725,
43.7117

■ 38.7536, 50.0407,
50.4752

■ 29.9837, 45.7291,
40.6003

■ 42.9037, 52.1035,
54.1351

■ 28.1573, 44.8507,
37.6636


■ 47.7237, 54.5080,
57.9851


■ 26.8013, 44.2115,
34.8971


■ 53.2437, 57.2699,
62.0287


■ 25.8555, 43.7805,
32.2956


■ 59.4918, 60.4035,
66.2693

 25.4060, 43.5824,
30.7567

 66.4948, 63.9227,
70.7100

 74.2779, 67.8403,
75.3538

 75.6050, 68.4260,
79.8641

 76.4899, 68.7799,
84.5241

Harmonies

Analogous

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



37.4382, 48.3011, 33.7639



35.2395, 48.3011, 47.0009



35.6977, 48.3011, 65.0870

Triad

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



35.2395, 48.3011, 47.0009



50.0863, 48.3011, 91.1265



53.8975, 48.3011, 30.6928

Complementary

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



35.2395, 48.3011, 47.0009



34.8018, 26.1521, 28.4147

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.



57.9019, 48.3011, 41.8076



35.2395, 48.3011, 47.0009



55.5693, 48.3011, 77.3706

Square

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



35.2395, 48.3011, 47.0009



43.9127, 48.3011, 93.3937



58.5396, 48.3011, 58.6091



47.9644, 48.3011, 25.8343

Rectangle

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



35.2395, 48.3011, 47.0009



37.4644, 48.3011, 77.5028



58.5396, 48.3011, 58.6091



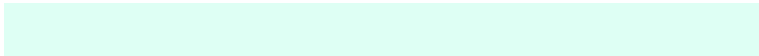
55.5353, 48.3011, 33.6879

Sweetspot

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



35.2408, 48.3030, 47.0020



82.2361, 93.5850, 99.6774



35.0814, 48.7479, 23.1838



17.1813, 19.8209, 21.0122



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.



35.2408, 48.3030, 47.0020



55.3680, 80.2556, 74.8568



34.9834, 42.9880, 61.7143



10.7975, 12.0079, 12.8840



16.0168, 27.4191, 19.5651



0.7903, 1.3110, 1.0942

Inverse Universe

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



34.8018, 26.1521, 28.4147



54.5363, 37.2960, 38.9067



34.7453, 28.9626, 19.3826



10.7706, 10.6916, 11.7754



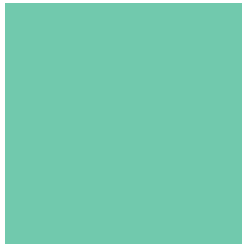
15.7635, 8.0550, 3.9645



0.7796, 0.3947, 0.3627

Previews

White Background



This preview shows how the XYZ color 35.2395, 48.3011, 47.0009 looks on a white background.

Color Contrast Check

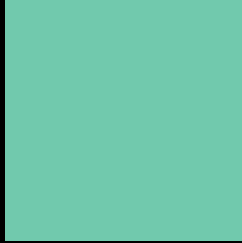
Large Text (above 18pt) WCAG AA × Fail

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 35.2395, 48.3011, 47.0009 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

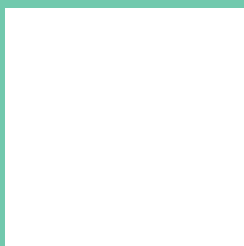
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2395, 48.3011, 47.0009

Background



This preview shows how black text looks on a background with the XYZ color 35.2395, 48.3011, 47.0009.



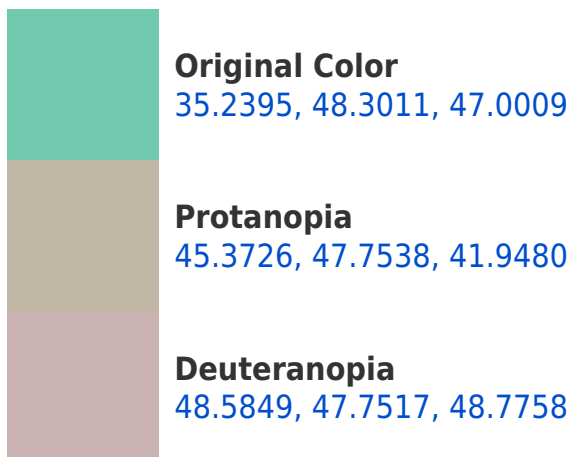
This preview shows how white text looks on a background with the XYZ color 35.2395, 48.3011,

47.0009.

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

39.6662, 48.3940, 68.8784

Trichromacy



Original Color

35.2395, 48.3011, 47.0009



Protanomaly

40.4928, 47.4035, 43.5748



Deuteranomaly

41.9729, 46.7984, 47.8951



Tritanomaly

37.8799, 48.3413, 60.1577

Monochromacy



Original Color

35.2395, 48.3011, 47.0009



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.7520, 42.9185, 45.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2395, 48.3011, 47.0009 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(113, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(113, 201, 173)  
}
```

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(113, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 201, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.2395, 48.3011, 47.0009 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(113, 201, 173) }
```


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

```
.border{ border-color:rgb(113, 201, 173) }
```

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

Here you see how a box with a 4 pixel rgb(113, 201, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(113, 201,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2395, 48.3011, 47.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 201, 173) }
```

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

```
.background{ background-color: rgb(113,  
201, 173) }
```

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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