

Converting Colors

XYZ(34.7951, 48.4262, 42.2182)

Have a look what the booklet for
XYZ(34.7951, 48.4262, 42.2182)
contains.

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Color

**XYZ(34.8016, 48.5302,
42.1834)**

Conversions

Conversions Part 1

Format	Color
Hex	73CAA3
RGB	115, 202, 163
RGB Percent	45%, 79%, 64%
CMY	0.5490, 0.2078, 0.3608
CMYK	0.43, 0.00, 0.19, 0.21
HSL	153°, 45%, 62%
HSV	153°, 43%, 79%
XYZ	34.8016, 48.5302, 42.1834
YIQ	171.5410, -39.3330, -30.5730

Conversions

Conversions Part 2

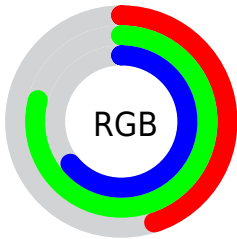
Format	Color
RYB	115, 171, 202
Decimal	7588515
CIELab	75.16, -35.22, 11.37
CIELCh	75, 37.009, 162.109
Yxy	48.5302, 0.2773, 0.3866
Android (android.graphics.Color)	4285778595 (0xFF73CAA3)
YUV	171.5410, -4.2107, -49.5865
Hunter-Lab	69.6636, -32.7387, 12.8627

Details

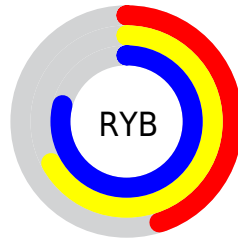
The XYZ color **34.8016, 48.5302, 42.1834** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.3222, 27.1523, 33.9001**, and the grayscale version is **39.0167, 41.0486, 44.7019**.

A 20% lighter version of the original color is **65.2095, 85.2399, 79.3457**, and **15.1664, 22.9758, 18.6743** is the 20% darker color. If you saturate the color by 10%, you get **31.6484, 46.9964, 37.9515**, and if you desaturate by 10%, it is **38.5976, 50.3913, 46.7508**.

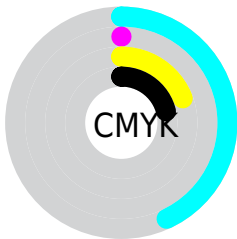
Distribution



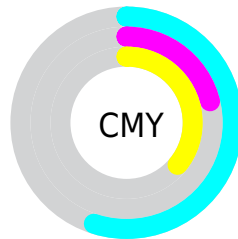
- Red (45%)
- Green (79%)
- Blue (64%)



- Red (45%)
- Yellow (67%)
- Blue (79%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8016, 48.5302, 42.1834 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 34.8016, 48.5302, 42.1834 by changing the saturation by 10% instead.

■ 34.8016, 48.5302,
42.1834

■ 34.8016, 48.5302,
42.1834

315.2151,
380.8899, 371.0647

■ 23.6759, 34.2470,
28.9183

■ 66.5143, 87.9933,
79.7502

■ 15.2168, 23.0834,
18.7740

■ 87.8321, 113.9419,
104.8890

■ 9.0590, 14.6551,
11.3319

■ 113.2779,
144.5478, 134.8227

■ 4.8371, 8.5777,
6.1736

143.2171,
180.1954, 169.9699

■ 2.1858, 4.4668,
2.8804

178.0151,
221.2689, 210.7492

■ 0.7352, 1.9379,
1.0339

218.0372,

■ 0.0000, 0.5710,

268.1530, 257.5791

0.0000

263.6487,
321.2318, 310.8781

■ 0.0000, 0.0000,
0.0000

■ 34.8016, 48.5302,
42.1834

■ 34.8016, 48.5302,
42.1834

■ 31.6484, 46.9964,
37.9515

■ 38.5976, 50.3913,
46.7508

■ 29.0944, 45.7636,
34.0437

■ 43.0685, 52.5921,
51.6582

■ 27.0965, 44.8111,
30.4524


■ 48.2490, 55.1518,
56.9143


■ 25.6041, 44.1128,
27.1685


■ 54.1702, 58.0862,
62.5261


■ 24.5561, 43.6376,
24.1822


■ 60.8611, 61.4102,
68.5008

 24.0153, 43.4004,
22.2798

 68.3494, 65.1379,
74.8451

 76.1426, 69.0153,
81.5413

 77.4214, 69.5268,
88.2755

 78.7669, 70.0650,
95.3608

Harmonies

Analogous

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



37.9272, 48.5302, 29.7048



34.8016, 48.5302, 42.1834



34.5204, 48.5302, 61.0646

Triad

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



34.8016, 48.5302, 42.1834



48.9150, 48.5302, 98.3858



56.4872, 48.5302, 31.5554

Complementary

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



34.8016, 48.5302, 42.1834



36.3222, 27.1523, 33.9001

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.



60.0798, 48.5302, 45.3912



34.8016, 48.5302, 42.1834



55.4298, 48.5302, 85.6525

Square

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



34.8016, 48.5302, 42.1834



42.2372, 48.5302, 96.9183



59.6749, 48.5302, 65.1579



50.2475, 48.5302, 24.6841

Rectangle

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



34.8016, 48.5302, 42.1834



35.9438, 48.5302, 75.2689



59.6749, 48.5302, 65.1579



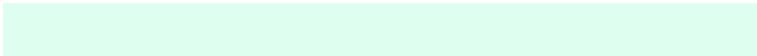
58.0708, 48.5302, 35.3800

Sweetspot

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



34.8029, 48.5322, 42.1845



81.5871, 93.3255, 96.2600



37.5716, 50.3657, 23.9616



17.0207, 19.7567, 20.1667



0.0000, 0.0000, 0.0000



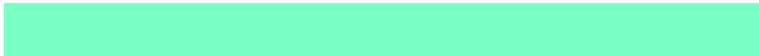
20.3446, 21.4041, 23.3091

Same Dimension

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



34.8029, 48.5322, 42.1845



53.7562, 79.6522, 64.5016



37.8466, 48.1394, 63.1765



11.3227, 12.6388, 13.2568



15.4984, 27.9447, 14.5757



0.8374, 1.4568, 0.9515

Inverse Universe

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



36.3222, 27.1523, 33.9001



56.6761, 38.6484, 48.6438



34.0916, 27.0726, 19.6490



11.4179, 11.2959, 12.7350



16.9198, 8.5785, 7.2964



0.9109, 0.4578, 0.5767

Previews

White Background



This preview shows how the XYZ color 34.8016, 48.5302, 42.1834 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 34.8016, 48.5302, 42.1834 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

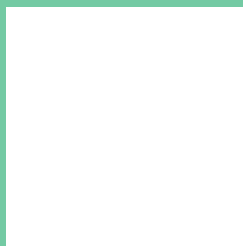
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8016, 48.5302, 42.1834

Background



This preview shows how black text looks on a background with the XYZ color 34.8016, 48.5302, 42.1834.

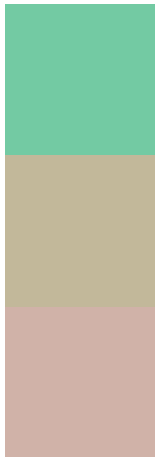


This preview shows how white text looks on a background with the XYZ color 34.8016, 48.5302,

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

34.8016, 48.5302, 42.1834

Protanopia

45.2214, 48.0834, 37.4695

Deuteranopia

49.0007, 48.0778, 43.7431



Tritanopia

40.0254, 48.2454, 68.8307

Trichromacy



Original Color

34.8016, 48.5302, 42.1834



Protanomaly

40.2337, 47.6953, 38.9839



Deuteranomaly

42.1088, 47.2925, 42.9854



Tritanomaly

38.1001, 48.4942, 58.3912

Monochromacy



Original Color

34.8016, 48.5302, 42.1834



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

36.8574, 43.3109, 43.9534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8016, 48.5302, 42.1834 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(115, 202, 163)` looks like.

```
.text, #text, p{  
    color:rgb(115, 202, 163)  
}
```

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(115, 202, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 202, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.8016, 48.5302, 42.1834 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(115, 202, 163) }
```


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

```
.border{ border-color:rgb(115, 202, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 202, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 202, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 202, 163);  
box-shadow:4px 4px 4px 4px rgb(115, 202,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8016, 48.5302, 42.1834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 202, 163) }
```

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

```
.background{ background-color: rgb(115,  
202, 163) }
```

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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