

Converting Colors

XYZ(35.5327, 48.7691, 32.1011)

Have a look what the booklet for
XYZ(35.5327, 48.7691, 32.1011)
contains.

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Color

**XYZ(35.5385, 48.7883,
31.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	87C98B
RGB	135, 201, 139
RGB Percent	53%, 79%, 55%
CMY	0.4706, 0.2117, 0.4549
CMYK	0.33, 0.00, 0.31, 0.21
HSL	124°, 38%, 66%
HSV	124°, 33%, 79%
XYZ	35.5385, 48.7883, 31.9701
YIQ	174.1980, -19.4340, -33.2740

Conversions

Conversions Part 2

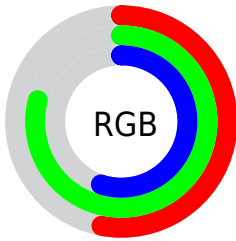
Format	Color
RYB	135, 197, 201
Decimal	8898955
CIELab	75.32, -33.41, 24.52
CIElCh	75, 41.438, 143.726
Yxy	48.7883, 0.3056, 0.4195
Android (android.graphics.Color)	4287089035 (0xFF87C98B)
YUV	174.1980, -17.3526, -34.3766
Hunter-Lab	69.8486, -31.4155, 21.7567

Details

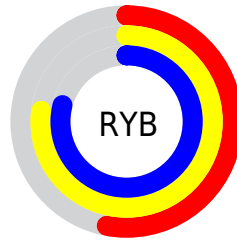
The XYZ color **35.5385, 48.7883, 31.9701** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8310, 33.7776, 57.0874**, and the grayscale version is **40.4285, 42.5339, 46.3195**.

A 20% lighter version of the original color is **66.6208, 86.3174, 63.6017**, and **15.6748, 23.3659, 12.9164** is the 20% darker color. If you saturate the color by 10%, you get **31.3422, 46.7723, 25.1836**, and if you desaturate by 10%, it is **40.5862, 51.2185, 40.0424**.

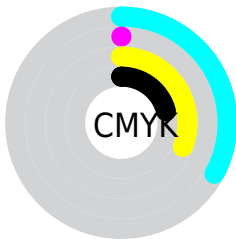
Distribution



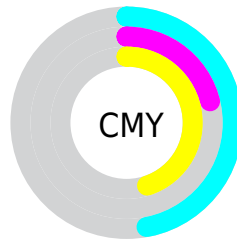
- Red (53%)
- Green (79%)
- Blue (55%)



- Red (53%)
- Yellow (77%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5385, 48.7883, 31.9701 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 35.5385, 48.7883, 31.9701 by changing the saturation by 10% instead.

■ 35.5385, 48.7883,
31.9701

■ 35.5385, 48.7883,
31.9701

318.4054,
381.9083, 325.4716

■ 24.2464, 34.4516,
21.0740

■ 67.6477, 88.3770,
63.8616

■ 15.6423, 23.2407,
12.9864

■ 89.1955, 114.3977,
85.6941

■ 9.3606, 14.7714,
7.2885

■ 114.8927,
145.0818, 112.0091

■ 5.0361, 8.6591,
3.5620

145.1045,
180.8139, 143.2252

■ 2.3034, 4.5195,
1.3883

180.1963,
221.9781, 179.7610

■ 0.7964, 1.9682,
0.1326

220.5335,

■ 0.0000, 0.5889,

268.9590, 222.0350

0.0000

266.4814,
322.1410, 270.4656

■ 0.0000, 0.0000,
0.0000

■ 35.5385, 48.7883,
31.9701

■ 35.5385, 48.7883,
31.9701

■ 31.3422, 46.7723,
25.1836

■ 40.5862, 51.2185,
40.0424

■ 27.9468, 45.1417,
19.6135

■ 46.5246, 54.0776,
49.4586

■ 25.3024, 43.8737,
15.1888


■ 53.3952, 57.3871,
60.2771


■ 23.3518, 42.9404,
11.8300


■ 61.2357, 61.1655,
72.5522


■ 22.0297, 42.3102,
9.4473

■ 70.0817, 65.4299,
86.3349

 21.2582, 41.9451,
7.9362

 79.7449, 70.0822,
101.6636

 20.9551, 41.8023,
7.3180

 80.1776, 70.2553,
103.9425

Harmonies

Analogous

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



40.7251, 48.7883, 23.2327



35.5385, 48.7883, 31.9701



33.2844, 48.7883, 48.6690

Triad

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



35.5385, 48.7883, 31.9701



44.7897, 48.7883, 106.6725



61.1131, 48.7883, 37.9698

Complementary

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



35.5385, 48.7883, 31.9701



42.8310, 33.7776, 57.0874

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.



62.5060, 48.7883, 57.8390



35.5385, 48.7883, 31.9701



52.5177, 48.7883, 101.5153

Square

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



35.5385, 48.7883, 31.9701



38.2354, 48.7883, 94.6189



59.2093, 48.7883, 82.0025



55.5876, 48.7883, 25.9750

Rectangle

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



35.5385, 48.7883, 31.9701



33.5501, 48.7883, 63.7089



59.2093, 48.7883, 82.0025



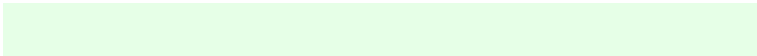
62.1035, 48.7883, 43.7785

Sweetspot

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



35.5398, 48.7904, 31.9712



82.6632, 94.0325, 89.4285



48.4716, 55.4901, 31.0779



17.3495, 19.9612, 18.5989



0.0000, 0.0000, 0.0000



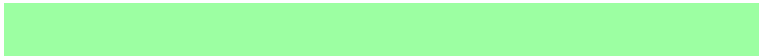
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5398, 48.7904, 31.9712



55.8676, 81.1368, 46.7029



38.2590, 49.8780, 46.2905



10.5231, 11.8981, 11.4389



13.1869, 26.2871, 4.6630



0.6337, 1.2484, 0.2697

Inverse Universe

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



42.8310, 33.7776, 57.0874



70.1475, 51.7239, 95.8855



39.5171, 32.4520, 39.6365



11.0543, 10.8051, 13.2691



20.9204, 10.1177, 31.1202



0.9992, 0.4825, 1.5190

Previews

White Background



This preview shows how the XYZ color 35.5385, 48.7883, 31.9701 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 35.5385, 48.7883, 31.9701 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

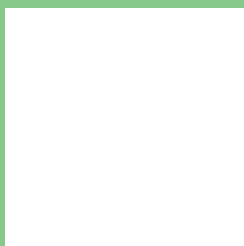
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5385, 48.7883, 31.9701

Background



This preview shows how black text looks on a background with the XYZ color 35.5385, 48.7883, 31.9701.



This preview shows how white text looks on a background with the XYZ color 35.5385, 48.7883,

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

35.5385, 48.7883, 31.9701

Protanopia

45.0670, 48.5060, 28.8171

Deuteranopia

49.0751, 48.0568, 33.0749



Tritanopia

42.4475, 48.5492, 66.8082

Trichromacy



Original Color

35.5385, 48.7883, 31.9701

Protanomaly

40.9085, 48.2410, 30.0770

Deuteranomaly

42.9349, 47.6356, 32.5229

Tritanomaly

39.3900, 48.2888, 52.0443

Monochromacy



Original Color

35.5385, 48.7883, 31.9701

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.0707, 44.3278, 40.2678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5385, 48.7883, 31.9701 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(135, 201, 139)` looks like.

```
.text, #text, p{  
    color:rgb(135, 201, 139)  
}
```

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(135, 201, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 201, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.5385, 48.7883, 31.9701 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(135, 201, 139) }
```


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

```
.border{ border-color:rgb(135, 201, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 201, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 201, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 201, 139);  
box-shadow:4px 4px 4px 4px rgb(135, 201,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5385, 48.7883, 31.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 201, 139) }
```

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

```
.background{ background-color: rgb(135,  
201, 139) }
```

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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