

Converting Colors

XYZ(35.6968, 48.8177, 35.6352)

Have a look what the booklet for
XYZ(35.6968, 48.8177, 35.6352)
contains.

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Color

**XYZ(35.5920, 48.7367,
35.5482)**

Conversions

Conversions Part 1

Format	Color
Hex	83C994
RGB	131, 201, 148
RGB Percent	51%, 79%, 58%
CMY	0.4863, 0.2117, 0.4196
CMYK	0.35, 0.00, 0.26, 0.21
HSL	135°, 39%, 65%
HSV	135°, 35%, 79%
XYZ	35.5920, 48.7367, 35.5482
YIQ	174.0280, -24.7070, -31.3230

Conversions

Conversions Part 2

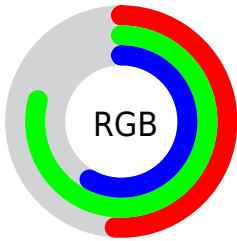
Format	Color
RYB	131, 187, 201
Decimal	8636820
CIELab	75.29, -33.09, 19.68
CIELCh	75, 38.496, 149.261
Yxy	48.7367, 0.2969, 0.4066
Android (android.graphics.Color)	4286826900 (0xFF83C994)
YUV	174.0280, -12.8318, -37.7356
Hunter-Lab	69.8117, -31.1660, 18.6776

Details

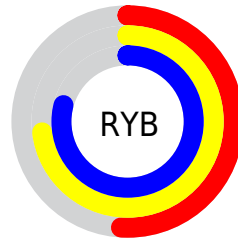
The XYZ color **35.5920, 48.7367, 35.5482** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.8570, 32.1118, 49.3941**, and the grayscale version is **40.3205, 42.4203, 46.1957**.

A 20% lighter version of the original color is **66.6704, 86.2234, 69.0060**, and **15.7333, 23.3502, 14.9871** is the 20% darker color. If you saturate the color by 10%, you get **31.6493, 46.8357, 29.4839**, and if you desaturate by 10%, it is **40.2996, 51.0165, 42.4773**.

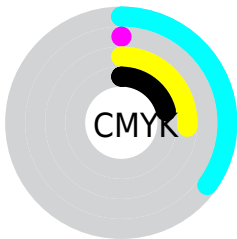
Distribution



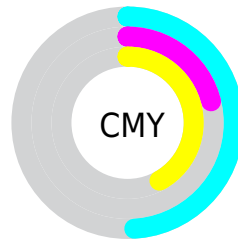
- Red (51%)
- Green (79%)
- Blue (58%)



- Red (51%)
- Yellow (73%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





- Cyan (49%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5920, 48.7367, 35.5482 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 35.5920, 48.7367, 35.5482 by changing the saturation by 10% instead.


 35.5920, 48.7367,
35.5482


 35.5920, 48.7367,
35.5482


318.6362,
381.7048, 341.9590


 24.2879, 34.4107,
23.7985


 67.7299, 88.3003,
69.4953

 15.6732, 23.2093,
14.9734


 89.2943, 114.3066,
92.5299

 9.3826, 14.7481,
8.6543


 115.0096,
144.9751, 120.1631

 5.0507, 8.6428,
4.4227

145.2411,
180.6903, 152.8136

 2.3121, 4.5089,
1.8600

180.3542,
221.8364, 190.8999

 0.8008, 1.9621,
0.4671

220.7141,

 0.0000, 0.5853,

268.7980, 234.8406

0.0000

266.6863,
321.9593, 285.0541

■ 0.0000, 0.0000,
0.0000

■ 35.5920, 48.7367,
35.5482

■ 35.5920, 48.7367,
35.5482

■ 31.6493, 46.8357,
29.4839

■ 40.2996, 51.0165,
42.4773

■ 28.4265, 45.2868,
24.2470

■ 45.8063, 53.6878,
50.2998

■ 25.8796, 44.0696,
19.8026


■ 52.1489, 56.7705,
59.0474


■ 23.9582, 43.1588,
16.1117


■ 59.3606, 60.2810,
68.7488


■ 22.6044, 42.5254,
13.1319


■ 67.4729, 64.2350,
79.4319

 21.7485, 42.1346,
10.8168

 76.5157, 68.6473,
91.1232

 21.4381, 41.9954,
9.8613

 80.1027, 70.2252,
103.5479

 80.1776, 70.2552,
103.9425

Harmonies

Analogous

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



39.9899, 48.7367, 25.8293



35.5920, 48.7367, 35.5482



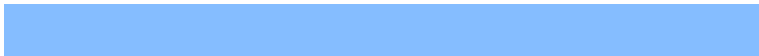
34.0144, 48.7367, 52.5655

Triad

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



35.5920, 48.7367, 35.5482



46.1477, 48.7367, 102.2993



59.2251, 48.7367, 36.2181

Complementary

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



35.5920, 48.7367, 35.5482



40.8570, 32.1118, 49.3941

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.



61.2910, 48.7367, 53.5696



35.5920, 48.7367, 35.5482



53.2913, 48.7367, 94.7995

Square

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



35.5920, 48.7367, 35.5482



39.7152, 48.7367, 94.0623



59.0189, 48.7367, 75.5599



53.6253, 48.7367, 26.1412

Rectangle

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



35.5920, 48.7367, 35.5482



34.6367, 48.7367, 66.9750



59.0189, 48.7367, 75.5599



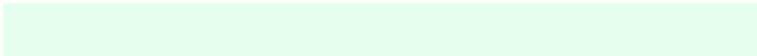
60.3797, 48.7367, 41.2297

Sweetspot

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



35.5933, 48.7387, 35.5493



83.3286, 94.2987, 92.9327



44.9125, 53.6872, 29.4687



17.5092, 20.0251, 19.4397



0.0000, 0.0000, 0.0000



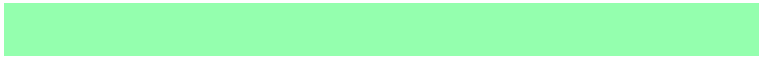
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5933, 48.7387, 35.5493



55.5859, 80.8591, 52.6760



38.7262, 49.9919, 52.0469



10.6013, 11.9294, 11.8508



13.5095, 26.4162, 6.3618



0.6693, 1.2627, 0.4574

Inverse Universe

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



40.8570, 32.1118, 49.3941



65.9557, 48.0650, 79.9227



37.6833, 30.8423, 32.6815



10.9687, 10.7709, 12.8186



18.7559, 9.2519, 19.7224



0.9153, 0.4490, 1.0771

Previews

White Background



This preview shows how the XYZ color 35.5920, 48.7367, 35.5482 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 35.5920, 48.7367, 35.5482 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 35.5920, 48.7367, 35.5482

Background



This preview shows how black text looks on a background with the XYZ color 35.5920, 48.7367, 35.5482.



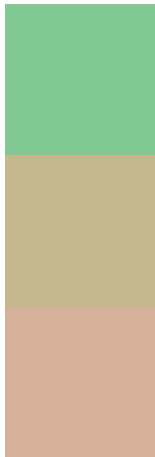
This preview shows how white text looks on a background with the XYZ color 35.5920, 48.7367,

35.5482.

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

35.5920, 48.7367, 35.5482

Protanopia

44.9001, 48.0447, 31.7180

Deuteranopia

48.9125, 47.8903, 36.8028



Tritanopia

41.9063, 48.5830, 67.4904

Trichromacy



Original Color

35.5920, 48.7367, 35.5482



Protanomaly

40.6050, 47.6943, 33.0524



Deuteranomaly

42.6733, 47.4195, 36.1819



Tritanomaly

39.3570, 48.5567, 54.3117

Monochromacy



Original Color

35.5920, 48.7367, 35.5482



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.0326, 44.2667, 42.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5920, 48.7367, 35.5482 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(131, 201, 148)` looks like.

```
.text, #text, p{  
    color:rgb(131, 201, 148)  
}
```

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(131, 201, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 201, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.5920, 48.7367, 35.5482 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(131, 201, 148) }
```


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

```
.border{ border-color:rgb(131, 201, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 201, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 201, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 201, 148);  
box-shadow:4px 4px 4px 4px rgb(131, 201,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5920, 48.7367, 35.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 201, 148) }
```

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

```
.background{ background-color: rgb(131,  
201, 148) }
```

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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