

Converting Colors

XYZ(35.1247, 48.4224, 35.3365)

Have a look what the booklet for
XYZ(35.1247, 48.4224, 35.3365)
contains.

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Color

**XYZ(35.2852, 48.5785,
35.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	81C994
RGB	129, 201, 148
RGB Percent	51%, 79%, 58%
CMY	0.4941, 0.2117, 0.4196
CMYK	0.36, 0.00, 0.26, 0.21
HSL	136°, 40%, 65%
HSV	136°, 36%, 79%
XYZ	35.2852, 48.5785, 35.5338
YIQ	173.4300, -25.8990, -31.7470

Conversions

Conversions Part 2

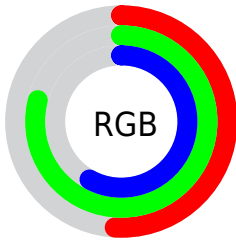
Format	Color
RYB	129, 186, 201
Decimal	8505748
CIELab	75.19, -33.70, 19.52
CIElCh	75, 38.947, 149.914
Yxy	48.5785, 0.2955, 0.4069
Android (android.graphics.Color)	4286695828 (0xFF81C994)
YUV	173.4300, -12.5370, -38.9651
Hunter-Lab	69.6983, -31.6052, 18.5614

Details

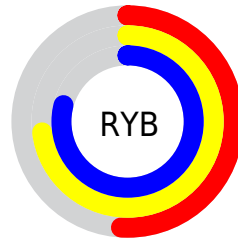
The XYZ color **35.2852, 48.5785, 35.5338** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.3828, 31.4965, 48.2090**, and the grayscale version is **40.0126, 42.0964, 45.8430**.

A 20% lighter version of the original color is **66.1878, 85.9746, 68.9834**, and **15.5719, 23.2670, 14.9795** is the 20% darker color. If you saturate the color by 10%, you get **31.4299, 46.7192, 29.6260**, and if you desaturate by 10%, it is **39.8934, 50.8114, 42.2605**.

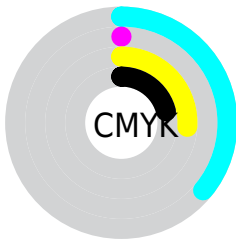
Distribution



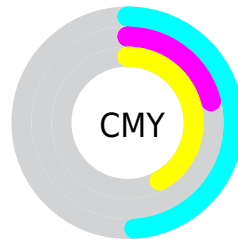
- Red (51%)
- Green (79%)
- Blue (58%)



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



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2852, 48.5785, 35.5338 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 35.2852, 48.5785, 35.5338 by changing the saturation by 10% instead.


 35.2852, 48.5785,
35.5338


 35.2852, 48.5785,
35.5338


317.3114,
381.0806, 341.8938


 24.0502, 34.2852,
23.7875


 67.2585, 88.0651,
69.4728

 15.4958, 23.1128,
14.9653

 88.7274, 114.0272,
92.5026

 9.2567, 14.6768,
8.6487

 114.3384,
144.6478, 120.1307

 4.9674, 8.5929,
4.4191

144.4568,
180.3112, 152.7756

 2.2627, 4.4766,
1.8580

179.4480,
221.4017, 190.8558

 0.7755, 1.9436,
0.4658

219.6772,

 0.0000, 0.5744,

268.3039, 234.7899

0.0000

265.5099,
321.4021, 284.9964

■ 0.0000, 0.0000,
0.0000

■ 35.2852, 48.5785,
35.5338

■ 35.2852, 48.5785,
35.5338

■ 31.4299, 46.7192,
29.6260

■ 39.8934, 50.8114,
42.2605

■ 28.2827, 45.2069,
24.5025

■ 45.2884, 53.4306,
49.8324

■ 25.7997, 44.0210,
20.1310


■ 51.5068, 56.4558,
58.2787


■ 23.9305, 43.1364,
16.4758

■ 58.5816, 59.9034,
67.6262


■ 22.6169, 42.5238,
13.4981


■ 66.5441, 63.7891,
77.9005

 21.7879, 42.1474,
11.1552

 75.4239, 68.1275,
89.1264

 21.5311, 42.0325,
10.3515

 79.6310, 70.0365,
101.0645

 80.1775, 70.2551,
103.9425

Harmonies

Analogous

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



39.6602, 48.5785, 25.6139



35.2852, 48.5785, 35.5338



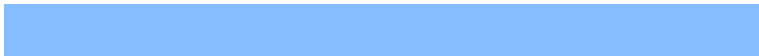
33.7620, 48.5785, 52.8346

Triad

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



35.2852, 48.5785, 35.5338



46.1517, 48.5785, 102.7447



59.1205, 48.5785, 35.6125

Complementary

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



35.2852, 48.5785, 35.5338



40.3828, 31.4965, 48.2090

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.



61.3030, 48.5785, 52.9529



35.2852, 48.5785, 35.5338



53.3611, 48.5785, 94.8056

Square

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



35.2852, 48.5785, 35.5338



39.6278, 48.5785, 94.7183



59.0962, 48.5785, 75.1480



53.4005, 48.5785, 25.6504

Rectangle

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



35.2852, 48.5785, 35.5338



34.4324, 48.5785, 67.4441



59.0962, 48.5785, 75.1480



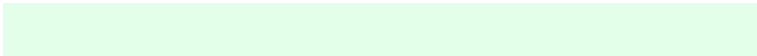
60.3169, 48.5785, 40.6028

Sweetspot

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



35.2865, 48.5805, 35.5349



82.3247, 93.8035, 91.8742



44.3793, 53.4278, 28.7430



17.3120, 19.9276, 19.2439



0.0000, 0.0000, 0.0000



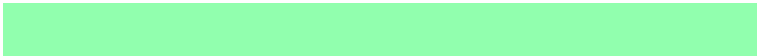
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2865, 48.5805, 35.5349



55.1666, 80.6387, 52.8474



38.4886, 49.8614, 52.3972



10.6105, 11.9331, 11.8990



13.5700, 26.4404, 6.6801



0.6734, 1.2643, 0.4791

Inverse Universe

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



40.3828, 31.4965, 48.2090



65.1554, 47.1125, 77.6580



37.2055, 30.2256, 31.4778



10.9590, 10.7670, 12.7673



18.5436, 9.1670, 18.6041



0.9067, 0.4455, 1.0319

Previews

White Background



This preview shows how the XYZ color 35.2852, 48.5785, 35.5338 looks on a white background.

Color Contrast Check

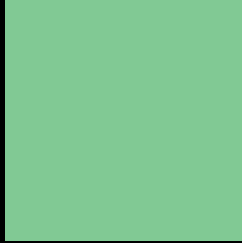
Large Text (above 18pt) WCAG AA × Fail

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 35.2852, 48.5785, 35.5338 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

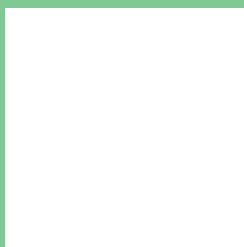
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2852, 48.5785, 35.5338

Background



This preview shows how black text looks on a background with the XYZ color 35.2852, 48.5785, 35.5338.



This preview shows how white text looks on a background with the XYZ color 35.2852, 48.5785,

35.5338.

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

35.2852, 48.5785, 35.5338

Protanopia

44.9001, 48.0447, 31.7180

Deuteranopia

48.9125, 47.8903, 36.8028



Tritanopia

41.5631, 48.4061, 67.4743

Trichromacy



Original Color

35.2852, 48.5785, 35.5338

Protanomaly

40.3846, 47.5807, 33.0421

Deuteranomaly

42.4362, 47.2973, 36.1708

Tritanomaly

39.0261, 48.3861, 54.2963

Monochromacy



Original Color

35.2852, 48.5785, 35.5338

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.5390, 43.7154, 41.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2852, 48.5785, 35.5338 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(129, 201, 148)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 201, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 201, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.2852, 48.5785, 35.5338 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(129, 201, 148) }
```


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

```
.border{ border-color:rgb(129, 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(129, 201, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 201, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 201, 148);  
box-shadow:4px 4px 4px 4px rgb(129, 201,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2852, 48.5785, 35.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 201, 148) }
```

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

```
.background{ background-color: rgb(129,  
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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