

Converting Colors

XYZ(36.4121, 48.4693, 35.4538)

Have a look what the booklet for
XYZ(36.4121, 48.4693, 35.4538)
contains.

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Color

**XYZ(36.4162, 48.4739,
35.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC794
RGB	139, 199, 148
RGB Percent	55%, 78%, 58%
CMY	0.4549, 0.2196, 0.4196
CMYK	0.30, 0.00, 0.26, 0.22
HSL	129°, 35%, 66%
HSV	129°, 30%, 78%
XYZ	36.4162, 48.4739, 35.4540
YIQ	175.2460, -19.3890, -28.5810

Conversions

Conversions Part 2

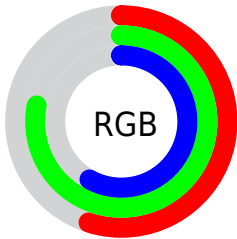
Format	Color
RYB	139, 191, 199
Decimal	9160596
CIELab	75.12, -29.62, 19.51
CIElCh	75, 35.470, 146.620
Yxy	48.4739, 0.3026, 0.4028
Android (android.graphics.Color)	4287350676 (0xFF8BC794)
YUV	175.2460, -13.4323, -31.7877
Hunter-Lab	69.6232, -28.4767, 18.5442

Details

The XYZ color **36.4162, 48.4739, 35.4540** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0817, 34.3262, 53.1250**, and the grayscale version is **40.9506, 43.0833, 46.9177**.

A 20% lighter version of the original color is **68.6688, 87.2536, 69.0995**, and **16.2135, 23.1401, 14.9212** is the 20% darker color. If you saturate the color by 10%, you get **32.1486, 46.4188, 28.7687**, and if you desaturate by 10%, it is **41.4869, 50.9232, 43.2003**.

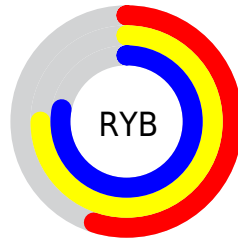
Distribution



Red (55%)

Green (78%)

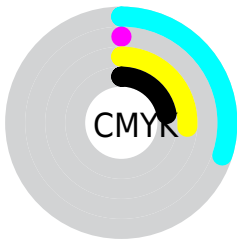
Blue (58%)



Red (55%)

Yellow (75%)

Blue (78%)

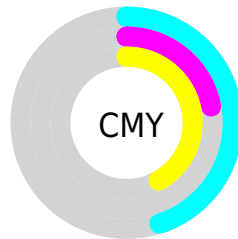


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (22%)



Cyan (45%)

Magenta (22%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4162, 48.4739, 35.4540 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 36.4162, 48.4739, 35.4540 by changing the saturation by 10% instead.


 36.4162, 48.4739,
35.4540


 36.4162, 48.4739,
35.4540


322.1756,
380.6675, 341.5327


 24.9274, 34.2023,
23.7265


 68.9937, 87.9096,
69.3480

 16.1514, 23.0491,
14.9205


 90.8130, 113.8425,
92.3516

 9.7229, 14.6297,
8.6176


 116.8066,
144.4313, 119.9509

 5.2765, 8.5600,
4.3992

147.3398,
180.0603, 152.5645

 2.4468, 4.4553,
1.8468

182.7780,
221.1141, 190.6109

 0.8685, 1.9314,
0.4586

223.4864,

 0.0000, 0.5671,

267.9770, 234.5088

0.0000

269.8305,
321.0333, 284.6765

■ 0.0000, 0.0000,
0.0000

■ 36.4162, 48.4739,
35.4540

■ 36.4162, 48.4739,
35.4540

■ 32.1486, 46.4188,
28.7687

■ 41.4869, 50.9232,
43.2003

■ 28.6389, 44.7314,
23.0953

■ 47.3953, 53.7793,
52.0477

■ 25.8434, 43.3917,
18.3852

■ 54.1783, 57.0620,
62.0380

■ 23.7123, 42.3750,
14.5849

■ 61.8696, 60.7877,
73.2101

■ 22.1892, 41.6535,
11.6355

■ 70.5014, 64.9722,
85.6007

■ 21.2080, 41.1945,
9.4713

■ 78.8404, 68.9791,
99.1860

■ 20.6568, 40.9416,
8.0321

■ 79.7143, 69.3287,
103.7881

Harmonies

Analogous

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



40.7033, 48.4739, 26.8380



36.4162, 48.4739, 35.4540



34.7022, 48.4739, 50.7005

Triad

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



36.4162, 48.4739, 35.4540



45.3411, 48.4739, 97.1119



58.1570, 48.4739, 38.3279

Complementary

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



36.4162, 48.4739, 35.4540



42.0817, 34.3262, 53.1250

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.



59.6903, 48.4739, 54.9153



36.4162, 48.4739, 35.4540



51.8953, 48.4739, 91.6220

Square

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



36.4162, 48.4739, 35.4540



39.5412, 48.4739, 88.6118



57.3018, 48.4739, 74.9916



53.2872, 48.4739, 28.2030

Rectangle

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



36.4162, 48.4739, 35.4540



35.1176, 48.4739, 63.6792



57.3018, 48.4739, 74.9916



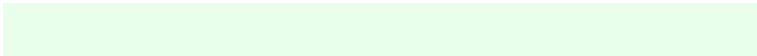
59.0983, 48.4739, 43.2010

Sweetspot

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



36.4175, 48.4759, 35.4551



84.1216, 94.7108, 92.8181



46.5714, 53.7896, 32.3545



17.6534, 20.1017, 19.3444



0.0000, 0.0000, 0.0000



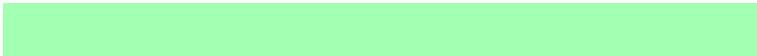
20.3446, 21.4041, 23.3091

Same Dimension

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



36.4175, 48.4759, 35.4551



58.8380, 82.5008, 54.4023



39.0082, 49.5122, 49.0974



10.5612, 11.9134, 11.6397



13.3026, 26.3334, 5.2723



0.6512, 1.2554, 0.3618

Inverse Universe

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



42.0817, 34.3262, 53.1250



70.2843, 53.8901, 90.0969



39.2203, 33.1816, 38.0569



11.0121, 10.7882, 13.0469



19.7850, 9.6636, 25.1416



0.9559, 0.4652, 1.2909

Previews

White Background



This preview shows how the XYZ color 36.4162, 48.4739, 35.4540 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 36.4162, 48.4739, 35.4540 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

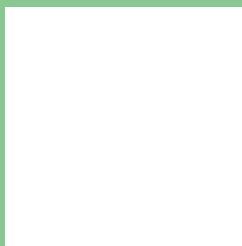
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4162, 48.4739, 35.4540

Background



This preview shows how black text looks on a background with the XYZ color 36.4162, 48.4739, 35.4540.



This preview shows how white text looks on a background with the XYZ color 36.4162, 48.4739,

35.4540.

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

36.4162, 48.4739, 35.4540

Protanopia

44.9742, 48.0744, 32.1082

Deuteranopia

48.9125, 47.8903, 36.8028



Tritanopia

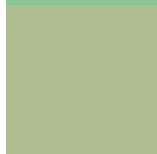
42.4710, 48.2506, 66.1063

Trichromacy



Original Color

36.4162, 48.4739, 35.4540



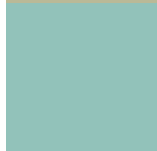
Protanomaly

41.1361, 47.6389, 33.4127



Deuteranomaly

43.1846, 47.3714, 36.1457



Tritanomaly

40.0088, 48.2397, 53.6569

Monochromacy



Original Color

36.4162, 48.4739, 35.4540



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.8323, 44.6790, 42.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4162, 48.4739, 35.4540 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(139, 199, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 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(139, 199, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.4162, 48.4739, 35.4540 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(139, 199, 148) }
```


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

```
.border{ border-color:rgb(139, 199, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4162, 48.4739, 35.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 148) }
```

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

```
.background{ background-color: rgb(139,  
199, 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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