

Converting Colors

XYZ(35.7890, 48.5140, 29.4046)

Have a look what the booklet for
XYZ(35.7890, 48.5140, 29.4046)
contains.

| | |
|--|----|
| XYZ(35.8036, 48.6372, 29.3307) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(35.8036, 48.6372,
29.3307)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8DC884 |
| RGB | 141, 200, 132 |
| RGB Percent | 55%, 78%, 52% |
| CMY | 0.4471, 0.2157, 0.4823 |
| CMYK | 0.30, 0.00, 0.34, 0.22 |
| HSL | 112°, 38%, 65% |
| HSV | 112°, 34%, 78% |
| XYZ | 35.8036, 48.6372, 29.3307 |
| YIQ | 174.6070, -13.3360, -33.6560 |

Conversions

Conversions Part 2

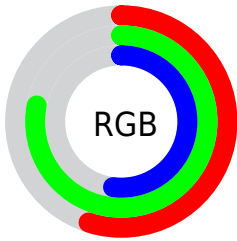
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 200, 191 |
| Decimal | 9291908 |
| CIELab | 75.23, -32.11, 28.12 |
| CIElCh | 75, 42.679, 138.790 |
| Yxy | 48.6372, 0.3147, 0.4275 |
| Android (android.graphics.Color) | 4287481988 (0xFF8DC884) |
| YUV | 174.6070, -21.0053, -29.4733 |
| Hunter-Lab | 69.7404, -30.4066, 23.8827 |

Details

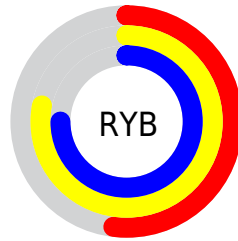
The XYZ color **35.8036, 48.6372, 29.3307** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1647, 31.7506, 58.6577**, and the grayscale version is **40.6555, 42.7727, 46.5795**.

A 20% lighter version of the original color is **67.3879, 86.8009, 59.6569**, and **15.8264, 23.2417, 11.6346** is the 20% darker color. If you saturate the color by 10%, you get **31.8412, 46.7392, 22.6731**, and if you desaturate by 10%, it is **40.4933, 50.8827, 37.3940**.

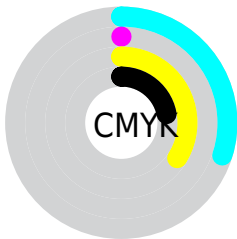
Distribution



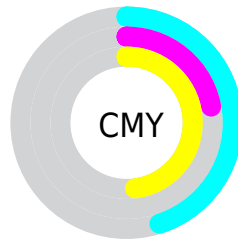
- Red (55%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)





- Cyan (45%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8036, 48.6372, 29.3307 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 35.8036, 48.6372, 29.3307 by changing the saturation by 10% instead.


 35.8036, 48.6372,
29.3307


 35.8036, 48.6372,
29.3307


319.5475,
381.3123, 312.8817


 24.4520, 34.3318,
19.0834


 68.0547, 88.1524,
59.6505

 15.7958, 23.1486,
11.5531


 89.6848, 114.1309,
80.5601

 9.4697, 14.7033,
6.3214


 115.4718,
144.7693, 105.8610

 5.1083, 8.6114,
2.9695

145.7811,
180.4519, 135.9715

 2.3464, 4.4886,
1.0791

180.9779,
221.5631, 171.3103

 0.8182, 1.9505,
0.0000

221.4277,

 0.0000, 0.5784,

268.4873, 212.2959

0.0000

267.4958,
321.6089, 259.3469

■ 0.0000, 0.0000,
0.0000

■ 35.8036, 48.6372,
29.3307

■ 35.8036, 48.6372,
29.3307

■ 31.8412, 46.7392,
22.6731

■ 40.4933, 50.8827,
37.3940

■ 28.5658, 45.1654,
17.3377

■ 45.9405, 53.4853,
46.9336

■ 25.9389, 43.8992,
13.2373


■ 52.1782, 56.4621,
58.0193


■ 23.9167, 42.9203,
10.2728


■ 59.2363, 59.8269,
70.7156


■ 22.4497, 42.2055,
8.3298

■ 67.1433, 63.5933,
85.0830

 21.4802, 41.7281,
7.2700

 75.9261, 67.7738,
101.1793

 21.0932, 41.5363,
6.9056

 79.9453, 69.7905,
103.8651

Harmonies

Analogous

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



41.5473, 48.6372, 21.7317



35.8036, 48.6372, 29.3307



32.9790, 48.6372, 45.0110

Triad

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



35.8036, 48.6372, 29.3307



43.3631, 48.6372, 107.4991



61.9931, 48.6372, 40.2504

Complementary

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



35.8036, 48.6372, 29.3307



40.1647, 31.7506, 58.6577

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.



62.6215, 48.6372, 61.7885



35.8036, 48.6372, 29.3307



51.2481, 48.6372, 105.1519

Square

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



35.8036, 48.6372, 29.3307



37.0034, 48.6372, 92.4598



58.5021, 48.6372, 86.7394



56.8713, 48.6372, 26.6962

Rectangle

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



35.8036, 48.6372, 29.3307



32.8909, 48.6372, 59.8221



58.5021, 48.6372, 86.7394



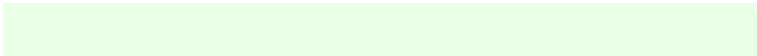
62.7568, 48.6372, 46.6395

Sweetspot

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



35.8048, 48.6393, 29.3318



83.5360, 94.5076, 88.3343



46.6027, 51.1802, 29.2531



17.5586, 20.0750, 18.3371



0.0000, 0.0000, 0.0000



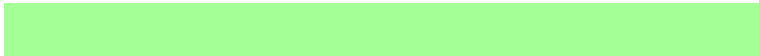
20.3446, 21.4041, 23.3091

Same Dimension

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



35.8048, 48.6393, 29.3318



56.6700, 81.6594, 41.8195



36.2517, 48.6484, 39.3492



10.6258, 11.9540, 11.3101



13.4548, 26.4315, 4.3926



0.6810, 1.2742, 0.2100

Inverse Universe

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



40.1647, 31.7506, 58.6577



65.3604, 47.9065, 100.4097



39.8169, 31.8810, 44.6486



10.9397, 10.7427, 13.4145



17.7164, 8.3674, 35.4257



0.8782, 0.4165, 1.6792

Previews

White Background



This preview shows how the XYZ color 35.8036, 48.6372, 29.3307 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 35.8036, 48.6372, 29.3307 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 35.8036, 48.6372, 29.3307

Background



This preview shows how black text looks on a background with the XYZ color 35.8036, 48.6372, 29.3307.



This preview shows how white text looks on a background with the XYZ color 35.8036, 48.6372,

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

35.8036, 48.6372, 29.3307

Protanopia

44.6616, 48.0410, 26.3210

Deuteranopia

49.1509, 48.1559, 30.3714



Tritanopia

43.0978, 48.5879, 65.4994

Trichromacy



Original Color

35.8036, 48.6372, 29.3307

Protanomaly

40.9001, 47.9691, 27.5254

Deuteranomaly

42.9573, 47.3943, 29.8056

Tritanomaly

39.8229, 48.2278, 49.8578

Monochromacy



Original Color

35.8036, 48.6372, 29.3307

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.5028, 44.5707, 39.3746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8036, 48.6372, 29.3307 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(141, 200, 132)` looks like.

```
.text, #text, p{  
    color:rgb(141, 200, 132)  
}
```

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(141, 200, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 200, 132) }
```

Border

The CSS property to change the border of an element to XYZ 35.8036, 48.6372, 29.3307 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(141, 200, 132) }
```


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

```
.border{ border-color:rgb(141, 200, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 200, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 200, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 200, 132);  
box-shadow:4px 4px 4px 4px rgb(141, 200,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8036, 48.6372, 29.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 200, 132) }
```

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

```
.background{ background-color: rgb(141,  
200, 132) }
```

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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