

Converting Colors

XYZ(36.1529, 48.6809, 35.5079)

Have a look what the booklet for
XYZ(36.1529, 48.6809, 35.5079)
contains.

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Color

**XYZ(36.1529, 48.6809,
35.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	88C894
RGB	136, 200, 148
RGB Percent	53%, 78%, 58%
CMY	0.4667, 0.2157, 0.4196
CMYK	0.32, 0.00, 0.26, 0.22
HSL	131°, 37%, 66%
HSV	131°, 32%, 78%
XYZ	36.1529, 48.6809, 35.5079
YIQ	174.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

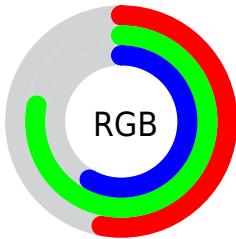
Format	Color
RYB	136, 190, 200
Decimal	8964244
CIELab	75.25, -31.05, 19.67
CIELCh	75, 36.759, 147.652
Yxy	48.6809, 0.3004, 0.4045
Android (android.graphics.Color)	4287154324 (0xFF88C894)
YUV	174.9360, -13.2794, -34.1469
Hunter-Lab	69.7717, -29.6089, 18.6666

Details

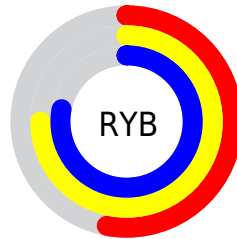
The XYZ color **36.1529, 48.6809, 35.5079** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7023, 33.5195, 51.8508**, and the grayscale version is **40.7899, 42.9142, 46.7336**.

A 20% lighter version of the original color is **67.9065, 86.8606, 69.0638**, and **16.0927, 23.3057, 14.9595** is the 20% darker color. If you saturate the color by 10%, you get **32.0056, 46.6826, 29.0646**, and if you desaturate by 10%, it is **41.0894, 51.0680, 42.9329**.

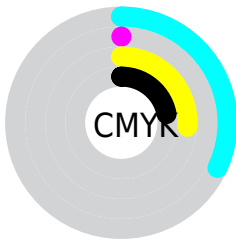
Distribution



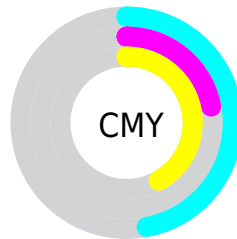
- Red (53%)
- Green (78%)
- Blue (58%)



- Red (53%)
- Yellow (75%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)





- Cyan (47%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1529, 48.6809, 35.5079 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 36.1529, 48.6809, 35.5079 by changing the saturation by 10% instead.


 36.1529, 48.6809,
35.5079


 36.1529, 48.6809,
35.5079


321.0479,
381.4847, 341.7767


 24.7230, 34.3664,
23.7677


 68.5903, 88.2173,
69.4323

 15.9984, 23.1752,
14.9508


 90.3285, 114.2081,
92.4536

 9.6139, 14.7230,
8.6386


 116.2335,
144.8597, 120.0723

 5.2040, 8.6252,
4.4126

146.6707,
180.5566, 152.7071

 2.4034, 4.4975,
1.8543

182.0053,
221.6831, 190.7763

 0.8468, 1.9556,
0.4634

222.6029,

 0.0000, 0.5815,

268.6238, 234.6986

0.0000

268.8286,
321.7628, 284.8926

■ 0.0000, 0.0000,
0.0000

■ 36.1529, 48.6809,
35.5079

■ 36.1529, 48.6809,
35.5079

■ 32.0056, 46.6826,
29.0646

■ 41.0894, 51.0680,
42.9329

■ 28.6026, 45.0466,
23.5587

■ 46.8497, 53.8566,
51.3750

■ 25.8999, 43.7526,
18.9475

■ 53.4705, 57.0664,
60.8716


■ 23.8474, 42.7757,
15.1834


■ 60.9855, 60.7140,
71.4574


■ 22.3884, 42.0877,
12.2148

■ 69.4266, 64.8151,
83.1656

 21.4555, 41.6552,
9.9840

 78.4536, 69.1938,
96.0105

 20.9971, 41.4472,
8.6853

 79.9452, 69.7904,
103.8651

Harmonies

Analogous

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



40.5066, 48.6809, 26.4371



36.1529, 48.6809, 35.5079



34.4808, 48.6809, 51.4975

Triad

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



36.1529, 48.6809, 35.5079



45.7402, 48.6809, 99.4663



58.7381, 48.6809, 37.5650

Complementary

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



36.1529, 48.6809, 35.5079



41.7023, 33.5195, 51.8508

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.



60.4793, 48.6809, 54.5421



36.1529, 48.6809, 35.5079



52.5551, 48.6809, 93.1947

Square

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



36.1529, 48.6809, 35.5079



39.6699, 48.6809, 90.9947



58.1171, 48.6809, 75.4727



53.5637, 48.6809, 27.4061

Rectangle

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



36.1529, 48.6809, 35.5079



34.9762, 48.6809, 65.0879



58.1171, 48.6809, 75.4727



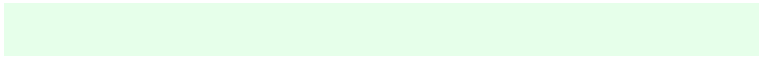
59.7650, 48.6809, 42.5188

Sweetspot

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



36.1542, 48.6829, 35.5090



83.1246, 94.2171, 91.8586



45.9049, 53.8137, 31.2606



17.4602, 20.0055, 19.1816



0.0000, 0.0000, 0.0000



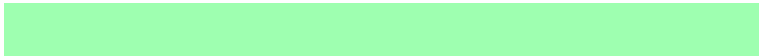
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1542, 48.6829, 35.5090



57.7434, 81.9445, 53.9875



39.0201, 49.8293, 50.6008



10.5774, 11.9198, 11.7246



13.3748, 26.3623, 5.6524



0.6585, 1.2583, 0.4004

Inverse Universe

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



41.7023, 33.5195, 51.8508



68.7453, 51.8524, 86.3765



38.6483, 32.2980, 35.7691



10.9945, 10.7812, 12.9544



19.3512, 9.4901, 22.8573



0.9390, 0.4584, 1.2018

Previews

White Background



This preview shows how the XYZ color 36.1529, 48.6809, 35.5079 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 36.1529, 48.6809, 35.5079 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

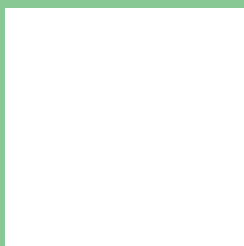
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1529, 48.6809, 35.5079

Background



This preview shows how black text looks on a background with the XYZ color 36.1529, 48.6809, 35.5079.



This preview shows how white text looks on a background with the XYZ color 36.1529, 48.6809,

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

36.1529, 48.6809, 35.5079

Protanopia

44.9742, 48.0744, 32.1082

Deuteranopia

48.9125, 47.8903, 36.8028



Tritanopia

42.4475, 48.5492, 66.8082

Trichromacy



Original Color

36.1529, 48.6809, 35.5079

Protanomaly

41.1267, 47.9545, 33.4741

Deuteranomaly

42.9425, 47.2466, 36.1343

Tritanomaly

39.8796, 48.5047, 53.7148

Monochromacy



Original Color

36.1529, 48.6809, 35.5079

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.6300, 44.5747, 42.1651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1529, 48.6809, 35.5079 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(136, 200, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 200, 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(136, 200, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 200, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.1529, 48.6809, 35.5079 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(136, 200, 148) }
```


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

```
.border{ border-color:rgb(136, 200, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 200, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 200, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 200, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 200,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1529, 48.6809, 35.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 200, 148) }
```

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

```
.background{ background-color: rgb(136,  
200, 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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