

Converting Colors

XYZ(30.3481, 36.3316, 35.0529)

Have a look what the booklet for
XYZ(30.3481, 36.3316, 35.0529)
contains.

XYZ(30.3587, 36.3348, 35.1190)	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(30.3587, 36.3348,
35.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	89AA98
RGB	137, 170, 152
RGB Percent	54%, 67%, 60%
CMY	0.4627, 0.3333, 0.4039
CMYK	0.19, 0.00, 0.11, 0.33
HSL	147°, 16%, 60%
HSV	147°, 19%, 67%
XYZ	30.3587, 36.3348, 35.1190
YIQ	158.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

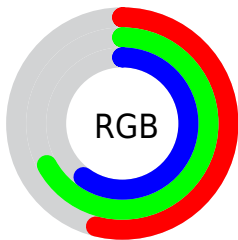
Format	Color
RYB	137, 160, 170
Decimal	9022104
CIELab	66.77, -15.00, 5.56
CIELCh	67, 16.000, 159.679
Yxy	36.3348, 0.2982, 0.3569
Android (android.graphics.Color)	4287212184 (0xFF89AA98)
YUV	158.0810, -2.9979, -18.4880
Hunter-Lab	60.2784, -15.5871, 7.6517

Details

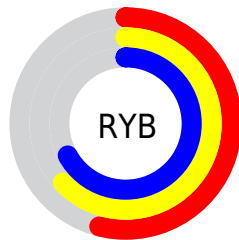
The XYZ color **30.3587, 36.3348, 35.1190** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.4408, 28.8047, 34.9146**, and the grayscale version is **32.5546, 34.2500, 37.2982**.

A 20% lighter version of the original color is **59.5516, 69.3830, 68.6461**, and **12.7579, 15.9227, 14.7129** is the 20% darker color. If you saturate the color by 10%, you get **27.0586, 34.7189, 31.1539**, and if you desaturate by 10%, it is **34.1594, 38.2039, 39.4191**.

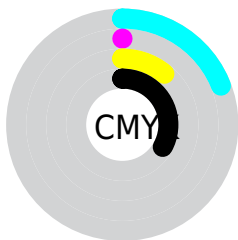
Distribution



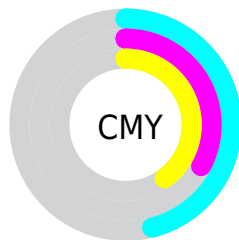
- Red (54%)
- Green (67%)
- Blue (60%)



- Red (54%)
- Yellow (63%)
- Blue (67%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3587, 36.3348, 35.1190 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 30.3587, 36.3348, 35.1190 by changing the saturation by 10% instead.

■ 30.3587, 36.3348,
35.1190

■ 30.3587, 36.3348,
35.1190

295.4528,
330.4215, 340.0135

■ 20.2604, 24.6929,
23.4703

■ 59.6117, 69.5485,
68.8237

■ 12.6939, 15.8484,
14.7326

■ 79.4972, 91.8891,
91.7168

■ 7.2936, 9.4169,
8.4874

■ 103.3758,
118.5647, 119.1951

■ 3.6944, 5.0141,
4.3162

131.6128,
149.9597, 151.6771

■ 1.5307, 2.2555,
1.8003

164.5737,
186.4584, 189.5815

■ 0.3466, 0.7500,
0.4282

202.6237,

■ 0.0000, 0.0000,

228.4454, 233.3266

0.0000

246.1283,
276.3050, 283.3311

■ 30.3587, 36.3348,
35.1190

■ 30.3587, 36.3348,
35.1190

■ 27.0586, 34.7189,
31.1539

■ 34.1594, 38.2039,
39.4191

■ 24.2341, 33.3405,
27.5134

■ 38.4780, 40.3320,
44.0595

■ 21.8627, 32.1891,
24.1897

■ 43.3350, 42.7305,
49.0485

■ 19.9188, 31.2517,
21.1742

■ 48.7485, 45.4086,
54.3935

■ 18.3741, 30.5139,
18.4575

■ 54.7361, 48.3751,
60.1015

■ 17.1965, 29.9593,
16.0300

■ 61.3142, 51.6386,
66.1793

■ 16.3487, 29.5690,
13.8813

■ 68.1288, 55.0162,
72.6161

■ 15.7564, 29.3047,
11.9988

■ 69.3688, 55.5122,
79.1459

■ 15.7245, 29.2905,
11.8961

■ 70.6776, 56.0357,
86.0384

Harmonies

Analogous

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



31.6527, 36.3348, 30.1796



30.3587, 36.3348, 35.1190



30.1545, 36.3348, 41.8422

Triad

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



30.3587, 36.3348, 35.1190



35.3222, 36.3348, 54.1826



38.2359, 36.3348, 31.6600

Complementary

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



30.3587, 36.3348, 35.1190



31.4408, 28.8047, 34.9146

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.



39.3207, 36.3348, 37.3670



30.3587, 36.3348, 35.1190



37.5875, 36.3348, 50.7126

Square

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



30.3587, 36.3348, 35.1190



32.9466, 36.3348, 53.3988



39.0780, 36.3348, 44.3657



36.1739, 36.3348, 28.3500

Rectangle

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



30.3587, 36.3348, 35.1190



30.6537, 36.3348, 46.5237



39.0780, 36.3348, 44.3657



38.7312, 36.3348, 33.3327

Sweetspot

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



30.3597, 36.3363, 35.1198



64.4587, 70.5363, 74.2310



32.4377, 37.5407, 29.2037



14.2677, 15.6772, 16.4379



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.3597, 36.3363, 35.1198



52.5773, 64.6969, 60.7653



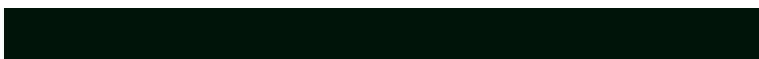
31.7930, 36.9096, 42.6673



7.5732, 8.4623, 8.7387



11.5941, 21.5564, 8.8951



0.3081, 0.5349, 0.3533

Inverse Universe

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



31.4408, 28.8047, 34.9146



54.8772, 48.6731, 60.3274



30.1589, 28.2920, 28.1640



7.6958, 7.6082, 8.7155



13.6678, 6.8758, 8.3280



0.3578, 0.1774, 0.3359

Previews

White Background



This preview shows how the XYZ color 30.3587, 36.3348, 35.1190 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 30.3587, 36.3348, 35.1190 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

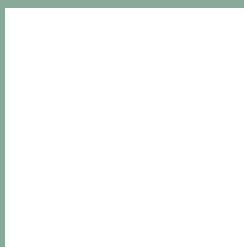
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3587, 36.3348, 35.1190

Background



This preview shows how black text looks on a background with the XYZ color 30.3587, 36.3348, 35.1190.



This preview shows how white text looks on a background with the XYZ color 30.3587, 36.3348,

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

30.3587, 36.3348, 35.1190

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

36.7958, 36.1838, 36.0552



Tritanopia

32.9282, 36.2779, 47.9147

Trichromacy



Original Color

30.3587, 36.3348, 35.1190

Protanomaly

32.6049, 35.8889, 33.6426

Deuteranomaly

34.0629, 36.0663, 35.7380

Tritanomaly

31.7954, 36.0775, 42.8240

Monochromacy



Original Color

30.3587, 36.3348, 35.1190

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4988, 34.7250, 36.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3587, 36.3348, 35.1190 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(137, 170, 152)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 152)  
}
```

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(137, 170, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.3587, 36.3348, 35.1190 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(137, 170, 152) }
```


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

```
.border{ border-color:rgb(137, 170, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3587, 36.3348, 35.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 152) }
```

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

```
.background{ background-color: rgb(137,  
170, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor