

Converting Colors

XYZ(30.3715, 36.3714, 36.0237)

Have a look what the booklet for
XYZ(30.3715, 36.3714, 36.0237)
contains.

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Color

**XYZ(30.3608, 36.3168,
35.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	88AA9A
RGB	136, 170, 154
RGB Percent	53%, 67%, 60%
CMY	0.4667, 0.3333, 0.3961
CMYK	0.20, 0.00, 0.09, 0.33
HSL	152°, 17%, 60%
HSV	152°, 20%, 67%
XYZ	30.3608, 36.3168, 35.9815
YIQ	158.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

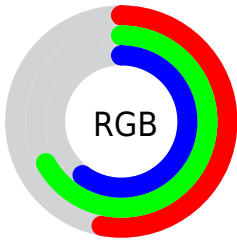
Format	Color
RYB	136, 158, 170
Decimal	8956570
CIELab	66.76, -14.94, 4.42
CIELCh	67, 15.578, 163.520
Yxy	36.3168, 0.2957, 0.3538
Android (android.graphics.Color)	4287146650 (0xFF88AA9A)
YUV	158.0100, -1.9769, -19.3028
Hunter-Lab	60.2634, -15.5324, 6.7841

Details

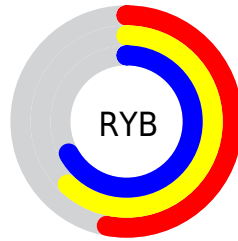
The XYZ color **30.3608, 36.3168, 35.9815** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0505, 28.4223, 33.5569**, and the grayscale version is **32.5183, 34.2118, 37.2567**.

A 20% lighter version of the original color is **59.5456, 69.3516, 69.9223**, and **12.7644, 15.9146, 15.2310** is the 20% darker color. If you saturate the color by 10%, you get **27.1716, 34.7482, 32.4693**, and if you desaturate by 10%, it is **34.0344, 38.1320, 39.7498**.

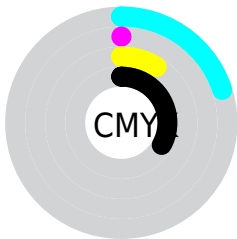
Distribution



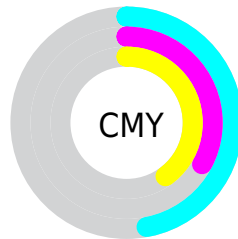
- Red (53%)
- Green (67%)
- Blue (60%)



- Red (53%)
- Yellow (62%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3608, 36.3168, 35.9815 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 30.3608, 36.3168, 35.9815 by changing the saturation by 10% instead.

■ 30.3608, 36.3168,
35.9815

■ 30.3608, 36.3168,
35.9815

295.4624,
330.3431, 343.9146

■ 20.2620, 24.6790,
24.1303

■ 59.6150, 69.5208,
70.1722

■ 12.6950, 15.8380,
15.2172

■ 79.5012, 91.8557,
93.3489

■ 7.2944, 9.4096,
8.8237

■ 103.3805,
118.5251, 121.1378

■ 3.6949, 5.0093,
4.5311

131.6184,
149.9133, 153.9574

■ 1.5310, 2.2527,
1.9210

164.5802,
186.4049, 192.2264

■ 0.3468, 0.7485,
0.5060

202.6312,

■ 0.0000, 0.0000,

228.3841, 236.3632

0.0000

246.1368,
276.2354, 286.7865

■ 30.3608, 36.3168,
35.9815

■ 30.3608, 36.3168,
35.9815

■ 27.1716, 34.7482,
32.4693

■ 34.0344, 38.1320,
39.7498

■ 24.4424, 33.4106,
29.2053

■ 38.2094, 40.1995,
43.7771

■ 22.1509, 32.2938,
26.1845

■ 42.9058, 42.5304,
48.0693

■ 20.2720, 31.3849,
23.4012

■ 48.1414, 45.1340,
52.6313

■ 18.7777, 30.6695,
20.8489

■ 53.9334, 48.0188,
57.4680

■ 17.6364, 30.1314,
18.5211

■ 60.2979, 51.1931,
62.5842

■ 16.8110, 29.7517,
16.4108

■ 67.2491, 54.6643,
67.9842

■ 16.2207, 29.4889,
14.5089

■ 68.2713, 55.0732,
73.3669

■ 69.3441, 55.5023,
79.0159

Harmonies

Analogous

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



31.4968, 36.3168, 30.8755



30.3608, 36.3168, 35.9815



30.3053, 36.3168, 42.6484

Triad

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



30.3608, 36.3168, 35.9815



35.5860, 36.3168, 53.5186



37.9021, 36.3168, 31.2784

Complementary

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



30.3608, 36.3168, 35.9815



31.0505, 28.4223, 33.5569

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.



39.1041, 36.3168, 36.5918



30.3608, 36.3168, 35.9815



37.7265, 36.3168, 49.6970

Square

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



30.3608, 36.3168, 35.9815



33.2510, 36.3168, 53.3070



39.0384, 36.3168, 43.3317



35.8168, 36.3168, 28.3788

Rectangle

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



30.3608, 36.3168, 35.9815



30.8836, 36.3168, 47.1344



39.0384, 36.3168, 43.3317



38.4270, 36.3168, 32.8135

Sweetspot

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



30.3618, 36.3183, 35.9823



64.5868, 70.5875, 74.9058



31.8501, 37.2460, 28.8036



14.2991, 15.6898, 16.6031



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.



30.3618, 36.3183, 35.9823



52.4134, 64.5761, 62.4004



31.6790, 36.6756, 43.4415



7.5964, 8.4716, 8.8610



11.9600, 21.7027, 10.8219



0.3165, 0.5382, 0.3978

Inverse Universe

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



31.0505, 28.4223, 33.5569



53.8929, 47.6154, 57.1915



29.9068, 28.0928, 27.1392



7.6726, 7.5989, 8.5929



13.2877, 6.7238, 6.3268



0.3493, 0.1740, 0.2909

Previews

White Background



This preview shows how the XYZ color 30.3608, 36.3168, 35.9815 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 30.3608, 36.3168, 35.9815 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 30.3608, 36.3168, 35.9815

Background



This preview shows how black text looks on a background with the XYZ color 30.3608, 36.3168, 35.9815.



This preview shows how white text looks on a background with the XYZ color 30.3608, 36.3168,

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

30.3608, 36.3168, 35.9815

Protanopia

34.3181, 35.9845, 33.5707

Deuteranopia

36.9652, 36.2516, 36.9473



Tritanopia

32.8589, 36.2304, 48.4413

Trichromacy



Original Color

30.3608, 36.3168, 35.9815

Protanomaly

32.5717, 35.8532, 34.4818

Deuteranomaly

34.2309, 36.1335, 36.6228

Tritanomaly

31.8169, 36.0667, 43.8127

Monochromacy



Original Color

30.3608, 36.3168, 35.9815

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.5838, 34.7590, 36.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3608, 36.3168, 35.9815 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, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(136, 170, 154)  
}
```

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, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 170, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.3608, 36.3168, 35.9815 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, 170, 154) }
```


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

```
.border{ border-color:rgb(136, 170, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 170, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(136, 170,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3608, 36.3168, 35.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 170, 154) }
```

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

```
.background{ background-color: rgb(136,  
170, 154) }
```

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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