

Converting Colors

XYZ(30.5815, 33.6243, 38.9410)

Have a look what the booklet for
XYZ(30.5815, 33.6243, 38.9410)
contains.

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Color

**XYZ(30.5940, 33.6795,
39.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	90A0A2
RGB	144, 160, 162
RGB Percent	56%, 63%, 64%
CMY	0.4353, 0.3725, 0.3647
CMYK	0.11, 0.01, 0.00, 0.36
HSL	187°, 9%, 60%
HSV	187°, 11%, 64%
XYZ	30.5940, 33.6795, 39.0707
YIQ	155.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

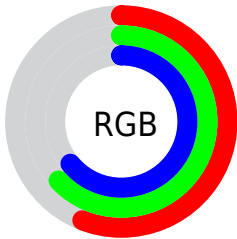
Format	Color
RYB	144, 152, 162
Decimal	9478306
CIELab	64.71, -5.21, -2.97
CIELCh	65, 5.999, 209.685
Yxy	33.6795, 0.2960, 0.3259
Android (android.graphics.Color)	4287668386 (0xFF90A0A2)
YUV	155.4440, 3.2321, -10.0364
Hunter-Lab	58.0340, -7.4591, 0.7076

Details

The XYZ color **30.5940, 33.6795, 39.0707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2135, 30.2527, 30.6332**, and the grayscale version is **31.3426, 32.9749, 35.9096**.

A 20% lighter version of the original color is **60.1135, 65.6164, 75.1426**, and **12.7973, 14.3902, 16.8550** is the 20% darker color. If you saturate the color by 10%, you get **27.6559, 31.7064, 38.8452**, and if you desaturate by 10%, it is **33.9446, 35.8738, 39.3182**.

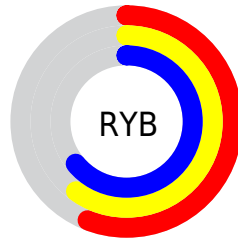
Distribution



Red (56%)

Green (63%)

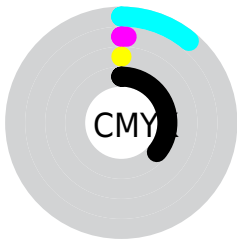
Blue (64%)



Red (56%)

Yellow (60%)

Blue (64%)

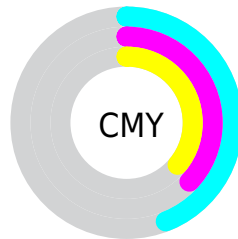


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5940, 33.6795, 39.0707 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 30.5940, 33.6795, 39.0707 by changing the saturation by 10% instead.

■ 30.5940, 33.6795,
39.0707

■ 30.5940, 33.6795,
39.0707

296.5239,
318.7006, 357.6259

■ 20.4402, 22.6475,
26.5065

■ 59.9805, 65.4350,
74.9678

■ 12.8255, 14.3334,
16.9738

■ 79.9439, 86.9272,
99.1378

■ 7.3847, 8.3529,
10.0540

103.9079,
112.6750, 128.0135

■ 3.7523, 4.3216,
5.3287

132.2378,
143.0627, 162.0134

■ 1.5630, 1.8550,
2.3793

165.2990,
178.4747, 201.5561

■ 0.3681, 0.5211,
0.7751

203.4568,

■ 0.0000, 0.0000,

219.2954, 247.0600

0.0000

247.0767,
265.9092, 298.9438

■ 30.5940, 33.6795,
39.0707

■ 30.5940, 33.6795,
39.0707

■ 27.6559, 31.7064,
38.8452

■ 33.9446, 35.8738,
39.3182

■ 25.1101, 29.9413,
38.6387

■ 37.7211, 38.2934,
39.5862

■ 22.9393, 28.3761,
38.4510

■ 41.9396, 40.9477,
39.8762

■ 21.1233, 27.0004,
38.2812

■ 46.6147, 43.8442,
40.1888

■ 19.6405, 25.8031,
38.1282

■ 51.7604, 46.9900,
40.5248

■ 18.4664, 24.7715,
37.9910

■ 57.3899, 50.3920,
40.8848

■ 17.5736, 23.8914,
37.8682

■ 62.6266, 53.5985,
41.2277

■ 16.9294, 23.1460,
37.7583

■ 62.9726, 54.2905,
41.3430

■ 16.4982, 22.5617,
37.6682

■ 63.3233, 54.9919,
41.4599

Harmonies

Analogous

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



30.3836, 33.6795, 36.6452



30.5940, 33.6795, 39.0707



31.1827, 33.6795, 40.9201

Triad

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



30.5940, 33.6795, 39.0707



33.4624, 33.6795, 39.1178



32.0205, 33.6795, 32.1298

Complementary

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



30.5940, 33.6795, 39.0707



30.2135, 30.2527, 30.6332

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.



32.8546, 33.6795, 32.7272



30.5940, 33.6795, 39.0707



33.6962, 33.6795, 36.6973

Square

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



30.5940, 33.6795, 39.0707



32.8386, 33.6795, 40.9481



33.4718, 33.6795, 34.3721



31.1982, 33.6795, 32.7030

Rectangle

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



30.5940, 33.6795, 39.0707



31.7157, 33.6795, 41.5384



33.4718, 33.6795, 34.3721



32.3088, 33.6795, 32.1999

Sweetspot

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



30.5950, 33.6809, 39.0714



60.3800, 64.3191, 71.2886



29.5953, 33.8396, 32.0852



13.4502, 14.3736, 16.0030



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.5950, 33.6809, 39.0714



54.3407, 60.3460, 70.8400



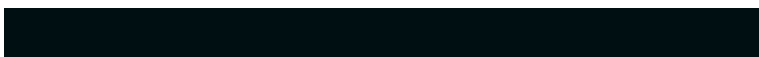
29.1226, 30.7362, 38.5807



7.2087, 7.8764, 9.0434



13.0169, 17.8133, 29.6820



0.2913, 0.4099, 0.6296

Inverse Universe

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



31.2195, 30.1667, 37.4366



55.6779, 52.8659, 67.3295



31.6230, 33.0718, 31.1030



7.3303, 7.1886, 8.7258



15.7158, 7.6424, 21.4919



0.3392, 0.1642, 0.4989

Previews

White Background



This preview shows how the XYZ color 30.5940, 33.6795, 39.0707 looks on a white background.

Color Contrast Check

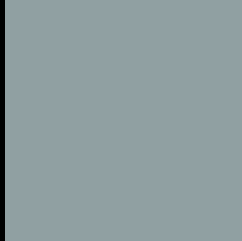
Large Text (above 18pt) WCAG AA × Fail

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 30.5940, 33.6795, 39.0707 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

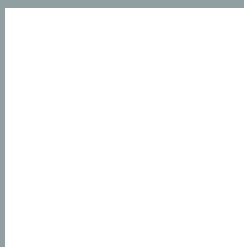
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5940, 33.6795, 39.0707

Background



This preview shows how black text looks on a background with the XYZ color 30.5940, 33.6795, 39.0707.



This preview shows how white text looks on a background with the XYZ color 30.5940, 33.6795,

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

30.5940, 33.6795, 39.0707

Protanopia

32.5317, 33.6859, 38.0451

Deuteranopia

34.2913, 33.5718, 39.7946



Tritanopia

31.6029, 33.8475, 43.3957

Trichromacy



Original Color

30.5940, 33.6795, 39.0707

Protanomaly

31.8164, 33.5572, 38.5185

Deuteranomaly

32.8294, 33.5606, 39.3979

Tritanomaly

31.1431, 33.6432, 41.8982

Monochromacy



Original Color

30.5940, 33.6795, 39.0707

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9910, 33.1619, 37.1152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5940, 33.6795, 39.0707 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(144, 160, 162) looks like.

```
.text, #text, p{  
    color:rgb(144, 160, 162)  
}
```

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(144, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 160, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.5940, 33.6795, 39.0707 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(144, 160, 162) }
```


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

```
.border{ border-color:rgb(144, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 160, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 160, 162);  
box-shadow:4px 4px 4px 4px rgb(144, 160,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5940, 33.6795, 39.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 160, 162) }
```

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

```
.background{ background-color: rgb(144,  
160, 162) }
```

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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