

Converting Colors

XYZ(31.6710, 35.1011, 37.1695)

Have a look what the booklet for
XYZ(31.6710, 35.1011, 37.1695)
contains.

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Color

**XYZ(31.5774, 35.0183,
36.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	95A39D
RGB	149, 163, 157
RGB Percent	58%, 64%, 62%
CMY	0.4157, 0.3608, 0.3843
CMYK	0.09, 0.00, 0.04, 0.36
HSL	154°, 7%, 61%
HSV	154°, 9%, 64%
XYZ	31.5774, 35.0183, 36.9932
YIQ	158.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

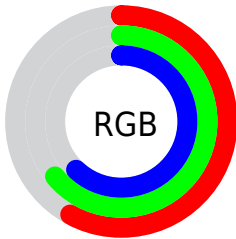
Format	Color
RYB	149, 158, 163
Decimal	9806749
CIELab	65.76, -6.13, 1.41
CIELCh	66, 6.290, 167.010
Yxy	35.0183, 0.3048, 0.3381
Android (android.graphics.Color)	4287996829 (0xFF95A39D)
YUV	158.1300, -0.5571, -8.0070
Hunter-Lab	59.1763, -8.3080, 4.3591

Details

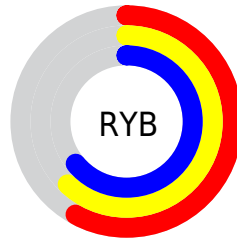
The XYZ color **31.5774, 35.0183, 36.9932** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7693, 31.6488, 35.4463**, and the grayscale version is **32.5637, 34.2596, 37.3087**.

A 20% lighter version of the original color is **61.5837, 67.5928, 72.0883**, and **13.3230, 15.0062, 15.8300** is the 20% darker color. If you saturate the color by 10%, you get **28.2297, 33.3604, 33.8113**, and if you desaturate by 10%, it is **35.3775, 36.9074, 40.3759**.

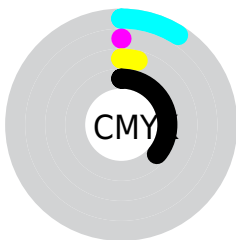
Distribution



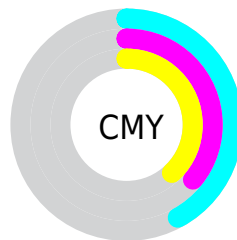
- Red (58%)
- Green (64%)
- Blue (62%)



- Red (58%)
- Yellow (62%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5774, 35.0183, 36.9932 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 31.5774, 35.0183, 36.9932 by changing the saturation by 10% instead.

■ 31.5774, 35.0183,
36.9932

■ 31.5774, 35.0183,
36.9932

300.9693,
324.6491, 348.4489

■ 21.1929, 23.6770,
24.9065

■ 61.5177, 67.5141,
71.7485

■ 13.3783, 15.0942,
15.7890

■ 81.8042, 89.4374,
95.2542

■ 7.7684, 8.8855,
9.2222

106.1220,
115.6568, 123.4033

■ 3.9977, 4.6666,
4.7876

134.8366,
146.5567, 156.6144

■ 1.7008, 2.0530,
2.0667

168.3132,
182.5214, 195.3059

■ 0.4568, 0.6380,
0.5958

206.9173,

■ 0.0000, 0.0000,

223.9355, 239.8965

0.0000

251.0142,
271.1833, 290.8046

■ 31.5774, 35.0183,
36.9932

■ 31.5774, 35.0183,
36.9932

■ 28.2297, 33.3604,
33.8113

■ 35.3775, 36.9074,
40.3759

■ 25.3136, 31.9202,
30.8241

■ 39.6438, 39.0318,
43.9606

■ 22.8111, 30.6895,
28.0284

■ 44.3930, 41.4011,
47.7519

■ 20.7020, 29.6577,
25.4201

■ 49.6404, 44.0231,
51.7530

■ 18.9638, 28.8135,
22.9951

■ 55.4003, 46.9051,
55.9673

■ 17.5721, 28.1443,
20.7489

■ 61.6866, 50.0543,
60.3982

■ 16.4991, 27.6359,
18.6768

■ 65.4680, 51.9078,
64.9063

■ 15.7126, 27.2718,
16.7738

■ 66.3356, 52.2549,
69.4751

■ 15.1521, 27.0208,
15.0334

■ 67.2414, 52.6172,
74.2451

Harmonies

Analogous

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



31.9973, 35.0183, 34.7537



31.5774, 35.0183, 36.9932



31.6086, 35.0183, 39.6416

Triad

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



31.5774, 35.0183, 36.9932



33.8079, 35.0183, 43.2206



34.5138, 35.0183, 34.5163

Complementary

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



31.5774, 35.0183, 36.9932



31.7693, 31.6488, 35.4463

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.



35.0172, 35.0183, 36.6554



31.5774, 35.0183, 36.9932



34.6045, 35.0183, 41.7160

Square

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



31.5774, 35.0183, 36.9932



32.8849, 35.0183, 43.3214



35.0507, 35.0183, 39.2878



33.6860, 35.0183, 33.3689

Rectangle

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



31.5774, 35.0183, 36.9932



31.8810, 35.0183, 41.2844



35.0507, 35.0183, 39.2878



34.7273, 35.0183, 35.1386

Sweetspot

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



31.5784, 35.0198, 36.9940



60.2156, 64.5340, 69.5576



32.0536, 35.3411, 33.5663



13.4039, 14.4343, 15.5154



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.



31.5784, 35.0198, 36.9940



55.5418, 62.2135, 65.3171



31.9385, 34.8996, 39.7051



7.1471, 7.9597, 8.3866



11.7419, 20.9831, 11.6235



0.2698, 0.4501, 0.3655

Inverse Universe

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



31.7693, 31.6488, 35.4463



55.9430, 55.1319, 62.0660



31.4258, 31.7487, 32.9059



7.1939, 7.1340, 8.0075



12.6168, 6.4028, 5.1727



0.2886, 0.1439, 0.2323

Previews

White Background



This preview shows how the XYZ color 31.5774, 35.0183, 36.9932 looks on a white background.

Color Contrast Check

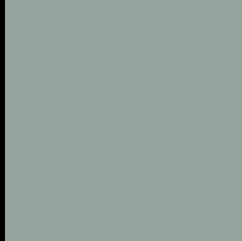
Large Text (above 18pt) WCAG AA × Fail

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 31.5774, 35.0183, 36.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

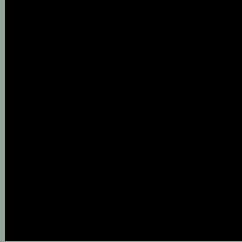
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5774, 35.0183, 36.9932

Background



This preview shows how black text looks on a background with the XYZ color 31.5774, 35.0183, 36.9932.



This preview shows how white text looks on a background with the XYZ color 31.5774, 35.0183,

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

31.5774, 35.0183, 36.9932

Protanopia

33.4188, 34.9494, 35.9949

Deuteranopia

35.4928, 34.7284, 37.6335



Tritanopia

33.2366, 35.1823, 44.5743

Trichromacy



Original Color

31.5774, 35.0183, 36.9932

Protanomaly

32.6721, 34.8110, 36.4497

Deuteranomaly

33.9544, 34.6896, 37.2539

Tritanomaly

32.6579, 35.2100, 41.6342

Monochromacy



Original Color

31.5774, 35.0183, 36.9932

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2599, 34.5788, 37.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5774, 35.0183, 36.9932 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(149, 163, 157) looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 157)  
}
```

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(149, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.5774, 35.0183, 36.9932 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(149, 163, 157) }
```


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

```
.border{ border-color:rgb(149, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5774, 35.0183, 36.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 157) }
```

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

```
.background{ background-color: rgb(149,  
163, 157) }
```

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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