

Converting Colors

XYZ(31.8134, 34.4929, 40.5823)

Have a look what the booklet for
XYZ(31.8134, 34.4929, 40.5823)
contains.

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Color

**XYZ(31.9308, 34.5959,
40.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	95A1A5
RGB	149, 161, 165
RGB Percent	58%, 63%, 65%
CMY	0.4157, 0.3686, 0.3529
CMYK	0.10, 0.02, 0.00, 0.35
HSL	195°, 8%, 62%
HSV	195°, 10%, 65%
XYZ	31.9308, 34.5959, 40.5921
YIQ	157.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

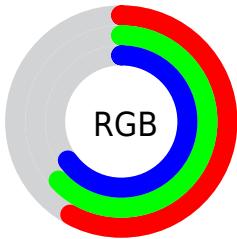
Format	Color
RYB	149, 156, 165
Decimal	9806245
CIELab	65.43, -3.42, -3.54
CIELCh	65, 4.923, 226.008
Yxy	34.5959, 0.2981, 0.3230
Android (android.graphics.Color)	4287996325 (0xFF95A1A5)
YUV	157.8680, 3.5161, -7.7772
Hunter-Lab	58.8183, -6.0293, 0.2551

Details

The XYZ color **31.9308, 34.5959, 40.5921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3332, 32.9515, 33.0904**, and the grayscale version is **32.4277, 34.1164, 37.1528**.

A 20% lighter version of the original color is **62.1027, 66.9756, 77.3646**, and **13.5936, 14.9408, 17.7902** is the 20% darker color. If you saturate the color by 10%, you get **28.4228, 31.7364, 40.2256**, and if you desaturate by 10%, it is **35.8911, 37.7257, 40.9880**.

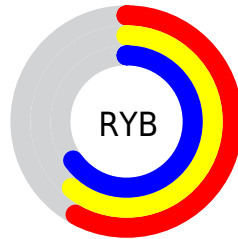
Distribution



Red (58%)

Green (63%)

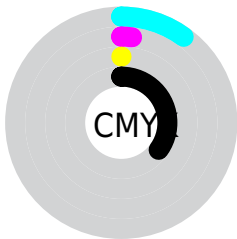
Blue (65%)



Red (58%)

Yellow (61%)

Blue (65%)

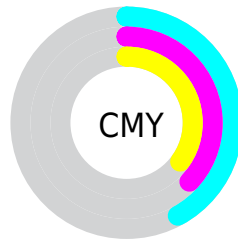


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9308, 34.5959, 40.5921 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 31.9308, 34.5959, 40.5921 by changing the saturation by 10% instead.

■ 31.9308, 34.5959,
40.5921

■ 31.9308, 34.5959,
40.5921

302.5548,
322.7810, 364.2389

■ 21.4639, 23.3518,
27.6832

■ 62.0685, 66.8593,
77.3112

■ 13.5779, 14.8535,
17.8500

■ 82.4701, 88.6473,
101.9585

■ 7.9074, 8.7166,
10.6740

106.9139,
114.7187, 131.3557

■ 4.0871, 4.5568,
5.7367

135.7654,
145.4580, 165.9214

■ 1.7515, 1.9896,
2.6195

169.3899,
181.2495, 206.0740

■ 0.4882, 0.6014,
0.9025

208.1527,

■ 0.0000, 0.0000,

222.4775, 252.2321

0.0000

252.4192,
269.5266, 304.8142

■ 31.9308, 34.5959,
40.5921

■ 31.9308, 34.5959,
40.5921

■ 28.4228, 31.7364,
40.2256

■ 35.8911, 37.7257,
40.9880

■ 25.3460, 29.1333,
39.8853

■ 40.3177, 41.1305,
41.4119

■ 22.6821, 26.7775,
39.5710

■ 45.2276, 44.8204,
41.8653

■ 20.4102, 24.6582,
39.2817

■ 50.6363, 48.8037,
42.3491

■ 18.5076, 22.7631,
39.0162

■ 56.5583, 53.0881,
42.8640

■ 16.9491, 21.0789,
38.7732

■ 63.0076, 57.6813,
43.4106

■ 15.7061, 19.5905,
38.5514

■ 66.4150, 60.7435,
43.8221

■ 14.7451, 18.2803,
38.3492

■ 67.3198, 62.5530,
44.1237

■ 13.9932, 17.1104,
38.1630

■ 68.2500, 64.4134,
44.4338

Harmonies

Analogous

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



31.5704, 34.5959, 38.7723



31.9308, 34.5959, 40.5921



32.5490, 34.5959, 41.6459

Triad

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



31.9308, 34.5959, 40.5921



34.2431, 34.5959, 38.6352



32.5023, 34.5959, 33.9875

Complementary

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



31.9308, 34.5959, 40.5921



32.3332, 32.9515, 33.0904

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.



33.2180, 34.5959, 33.9538



31.9308, 34.5959, 40.5921



34.2302, 34.5959, 36.5869

Square

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



31.9308, 34.5959, 40.5921



33.8878, 34.5959, 40.4885



33.8526, 34.5959, 34.8898



31.8970, 34.5959, 34.9836

Rectangle

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



31.9308, 34.5959, 40.5921



33.0274, 34.5959, 41.7484



33.8526, 34.5959, 34.8898



32.7378, 34.5959, 33.8645

Sweetspot

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



31.9318, 34.5974, 40.5929



61.8045, 65.6272, 73.1622



31.5779, 35.5915, 35.2277



13.3886, 14.2505, 15.9825



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.



31.9318, 34.5974, 40.5929



55.5264, 60.6233, 72.5272



30.6214, 31.9766, 40.1561



7.1256, 7.7101, 9.0157



10.6102, 12.9998, 28.8798



0.2569, 0.3411, 0.6182

Inverse Universe

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



32.6983, 32.0681, 38.1863



57.2372, 55.0481, 67.1400



33.6407, 35.5665, 33.5262



7.2884, 7.1718, 8.5049



14.5010, 7.1565, 15.0949



0.3218, 0.1572, 0.4075

Previews

White Background



This preview shows how the XYZ color 31.9308, 34.5959, 40.5921 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 31.9308, 34.5959, 40.5921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

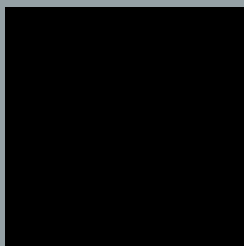
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

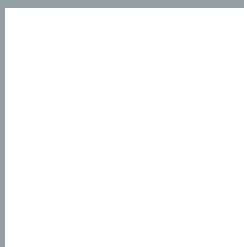
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9308, 34.5959, 40.5921

Background



This preview shows how black text looks on a background with the XYZ color 31.9308, 34.5959, 40.5921.



This preview shows how white text looks on a background with the XYZ color 31.9308, 34.5959,

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

31.9308, 34.5959, 40.5921

Protanopia

33.3349, 34.5716, 39.5664

Deuteranopia

35.2331, 34.5223, 40.8829



Tritanopia

32.6913, 34.6428, 44.4989

Trichromacy



Original Color

31.9308, 34.5959, 40.5921

Protanomaly

32.8093, 34.5445, 40.0605

Deuteranomaly

34.0442, 34.6536, 40.9709

Tritanomaly

32.4042, 34.5279, 42.9869

Monochromacy



Original Color

31.9308, 34.5959, 40.5921

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3487, 34.3380, 38.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9308, 34.5959, 40.5921 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, 161, 165) looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 165)  
}
```

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, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.9308, 34.5959, 40.5921 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, 161, 165) }
```


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

```
.border{ border-color:rgb(149, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(149, 161,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9308, 34.5959, 40.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 165) }
```

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

```
.background{ background-color: rgb(149,  
161, 165) }
```

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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