

Converting Colors

XYZ(31.3273, 35.2758, 35.7288)

Have a look what the booklet for
XYZ(31.3273, 35.2758, 35.7288)
contains.

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Color

**XYZ(31.3209, 35.1799,
35.7115)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 94A49A |
| RGB | 148, 164, 154 |
| RGB Percent | 58%, 64%, 60% |
| CMY | 0.4196, 0.3568, 0.3961 |
| CMYK | 0.10, 0.00, 0.06, 0.36 |
| HSL | 142°, 8%, 61% |
| HSV | 142°, 10%, 64% |
| XYZ | 31.3209, 35.1799, 35.7115 |
| YIQ | 158.0760, -6.3260, -6.5020 |

Conversions

Conversions Part 2

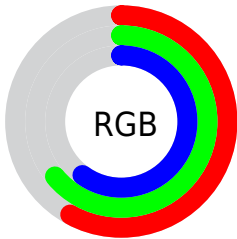
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 148, 160, 164 |
| Decimal | 9741466 |
| CIELab | 65.89, -7.61, 3.26 |
| CIELCh | 66, 8.280, 156.804 |
| Yxy | 35.1799, 0.3064, 0.3442 |
| Android (android.graphics.Color) | 4287931546 (0xFF94A49A) |
| YUV | 158.0760, -2.0095, -8.8367 |
| Hunter-Lab | 59.3126, -9.5376, 5.8210 |

Details

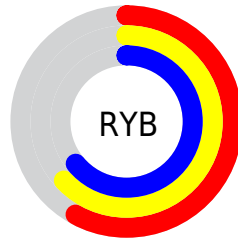
The XYZ color **31.3209, 35.1799, 35.7115** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0725, 31.5417, 36.7470**, and the grayscale version is **32.5455, 34.2404, 37.2878**.

A 20% lighter version of the original color is **61.0738, 67.7737, 69.5372**, and **13.1721, 15.1090, 15.0540** is the 20% darker color. If you saturate the color by 10%, you get **27.7445, 33.4317, 31.2763**, and if you desaturate by 10%, it is **35.3926, 37.1770, 40.5520**.

Distribution



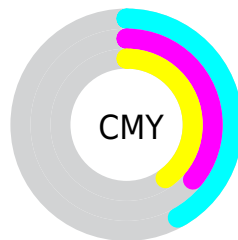
- Red (58%)
- Green (64%)
- Blue (60%)



- Red (58%)
- Yellow (63%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3209, 35.1799, 35.7115 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 31.3209, 35.1799, 35.7115 by changing the saturation by 10% instead.

■ 31.3209, 35.1799,
35.7115

■ 31.3209, 35.1799,
35.7115

299.8145,
325.3617, 342.6970

■ 20.9964, 23.8015,
23.9235

■ 61.1174, 67.7644,
69.7506

■ 13.2338, 15.1864,
15.0652

■ 81.3200, 89.7392,
92.8387

■ 7.6678, 8.9503,
8.7181

105.5460,
116.0150, 120.5308

■ 3.9332, 4.7088,
4.4634

134.1608,
146.9761, 153.2451

■ 1.6644, 2.0774,
1.8829

167.5297,
183.0069, 191.4004

■ 0.4338, 0.6519,
0.4818

206.0180,

■ 0.0000, 0.0000,

224.4919, 235.4151

0.0000

249.9912,
271.8153, 285.7078

■ 31.3209, 35.1799,
35.7115

■ 31.3209, 35.1799,
35.7115

■ 27.7445, 33.4317,
31.2763

■ 35.3926, 37.1770,
40.5520

■ 24.6410, 31.9180,
27.2337

■ 39.9748, 39.4277,
45.8055

■ 21.9906, 30.6300,
23.5737

■ 45.0860, 41.9423,
51.4823

■ 19.7712, 29.5563,
20.2850

■ 50.7427, 44.7290,
57.5918

■ 17.9583, 28.6847,
17.3556

■ 56.9605, 47.7959,
64.1430

■ 16.5253, 28.0016,
14.7731

■ 63.7547, 51.1505,
71.1447

■ 15.4420, 27.4918,
12.5242

■ 68.2104, 53.2900,
78.4682

■ 14.6732, 27.1374,
10.5946

■ 69.6577, 53.8689,
86.0898

■ 14.1436, 26.8998,
8.9673

■ 71.1906, 54.4820,
94.1616

Harmonies

Analogous

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



32.0475, 35.1799, 33.1586



31.3209, 35.1799, 35.7115



31.1550, 35.1799, 39.1089

Triad

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



31.3209, 35.1799, 35.7115



33.7170, 35.1799, 45.3936



35.3571, 35.1799, 34.4079

Complementary

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



31.3209, 35.1799, 35.7115



32.0725, 31.5417, 36.7470

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.



35.8288, 35.1799, 37.5120



31.3209, 35.1799, 35.7115



34.8670, 35.1799, 43.9580

Square

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



31.3209, 35.1799, 35.7115



32.5192, 35.1799, 44.8390



35.6472, 35.1799, 41.0210



34.3728, 35.1799, 32.4386

Rectangle

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



31.3209, 35.1799, 35.7115



31.3809, 35.1799, 41.4249



35.6472, 35.1799, 41.0210



35.5819, 35.1799, 35.3457

Sweetspot

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



31.3219, 35.1814, 35.7123



61.7019, 66.2339, 70.6251



32.7488, 35.9733, 33.2348



13.3608, 14.4170, 15.2880



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.



31.3219, 35.1814, 35.7123



55.1672, 63.0323, 62.7660



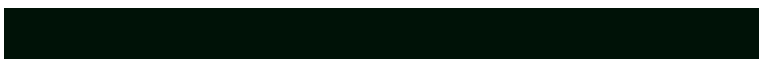
31.9991, 35.4523, 39.2783



7.0903, 7.9369, 8.0872



10.8566, 20.6290, 6.9615



0.2506, 0.4424, 0.2644

Inverse Universe

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



32.0725, 31.5417, 36.7470



56.8460, 54.8916, 65.0799



31.4165, 31.2793, 33.2927



7.2511, 7.1569, 8.3090



13.6207, 6.8043, 10.4590



0.3080, 0.1517, 0.3344

Previews

White Background



This preview shows how the XYZ color 31.3209, 35.1799, 35.7115 looks on a white background.

Color Contrast Check

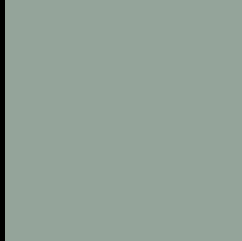
Large Text (above 18pt) WCAG AA × Fail

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 31.3209, 35.1799, 35.7115 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

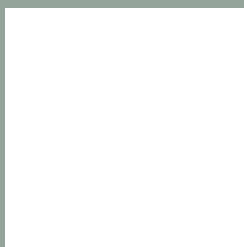
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3209, 35.1799, 35.7115

Background



This preview shows how black text looks on a background with the XYZ color 31.3209, 35.1799, 35.7115.



This preview shows how white text looks on a background with the XYZ color 31.3209, 35.1799,

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

31.3209, 35.1799, 35.7115

Protanopia

33.5011, 35.0300, 34.2739

Deuteranopia

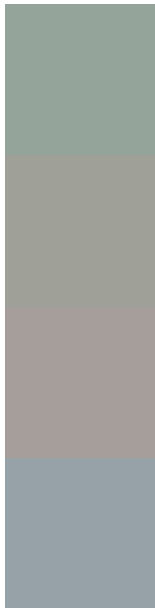
35.8536, 35.1901, 36.3552



Tritanopia

33.1473, 35.1250, 45.0772

Trichromacy



Original Color

31.3209, 35.1799, 35.7115

Protanomaly

32.7104, 35.1277, 34.7621

Deuteranomaly

33.8691, 34.9273, 35.9669

Tritanomaly

32.4731, 35.1147, 41.6255

Monochromacy



Original Color

31.3209, 35.1799, 35.7115

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9830, 34.4460, 36.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3209, 35.1799, 35.7115 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(148, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(148, 164, 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(148, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.3209, 35.1799, 35.7115 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(148, 164, 154) }
```


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

```
.border{ border-color:rgb(148, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(148, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3209, 35.1799, 35.7115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 164, 154) }
```

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

```
.background{ background-color: rgb(148,  
164, 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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