

Converting Colors

XYZ(31.6931, 35.4651, 35.8283)

Have a look what the booklet for
XYZ(31.6931, 35.4651, 35.8283)
contains.

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Color

**XYZ(31.6859, 35.3680,
35.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	96A49A
RGB	150, 164, 154
RGB Percent	59%, 64%, 60%
CMY	0.4118, 0.3568, 0.3961
CMYK	0.09, 0.00, 0.06, 0.36
HSL	137°, 7%, 62%
HSV	137°, 9%, 64%
XYZ	31.6859, 35.3680, 35.7285
YIQ	158.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

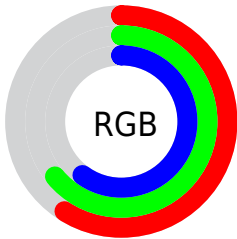
Format	Color
RYB	150, 161, 164
Decimal	9872538
CIELab	66.03, -6.90, 3.49
CIElCh	66, 7.734, 153.174
Yxy	35.3680, 0.3083, 0.3441
Android (android.graphics.Color)	4288062618 (0xFF96A49A)
YUV	158.6740, -2.3043, -7.6071
Hunter-Lab	59.4710, -8.9702, 6.0099

Details

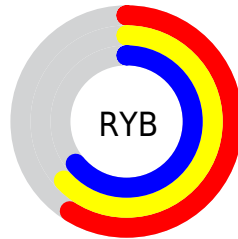
The XYZ color **31.6859, 35.3680, 35.7285** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5627, 32.2443, 37.7670**, and the grayscale version is **32.8185, 34.5276, 37.6006**.

A 20% lighter version of the original color is **61.6185, 68.0545, 69.5627**, and **13.3879, 15.2203, 15.0641** is the 20% darker color. If you saturate the color by 10%, you get **27.9481, 33.5494, 30.7064**, and if you desaturate by 10%, it is **35.9433, 37.4455, 41.2736**.

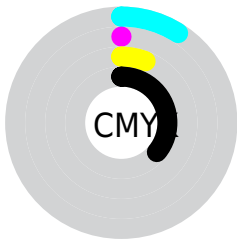
Distribution



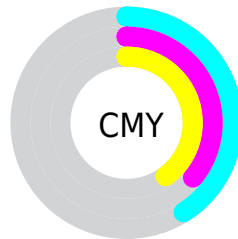
- Red (59%)
- Green (64%)
- Blue (60%)



- Red (59%)
- Yellow (63%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6859, 35.3680, 35.7285 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 31.6859, 35.3680, 35.7285 by changing the saturation by 10% instead.

■ 31.6859, 35.3680,
35.7285

■ 31.6859, 35.3680,
35.7285

301.4567,
326.1897, 342.7738

■ 21.2761, 23.9465,
23.9366

■ 61.6869, 68.0555,
69.7771

■ 13.4396, 15.2939,
15.0748

■ 82.0087, 90.0902,
92.8709

■ 7.8110, 9.0259,
8.7247

106.3653,
116.4315, 120.5690

■ 4.0250, 4.7581,
4.4677

135.1220,
147.4637, 153.2900

■ 1.7163, 2.1060,
1.8853

168.6441,
183.5712, 191.4524

■ 0.4664, 0.6680,
0.4833

207.2971,

■ 0.0000, 0.0000,

225.1385, 235.4749

0.0000

251.4461,
272.5498, 285.7758

■ 31.6859, 35.3680,
35.7285

■ 31.6859, 35.3680,
35.7285

■ 27.9481, 33.5494,
30.7064

■ 35.9433, 37.4455,
41.2736

■ 24.7069, 31.9751,
26.1898

■ 40.7365, 39.7868,
47.3539

■ 21.9416, 30.6358,
22.1638

■ 46.0845, 42.4026,
53.9840

■ 19.6293, 29.5200,
18.6115

■ 52.0044, 45.3014,
61.1774

■ 17.7448, 28.6151,
15.5156

■ 58.5128, 48.4913,
68.9470

■ 16.2605, 27.9072,
12.8571

■ 65.6254, 51.9804,
77.3054

■ 15.1454, 27.3808,
10.6162

■ 69.6580, 53.8689,
86.0914

■ 14.3637, 27.0178,
8.7712

■ 71.4169, 54.5725,
95.3540

■ 13.8513, 26.7857,
7.2974

■ 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



32.4236, 35.3680, 33.4602



31.6859, 35.3680, 35.7285



31.4615, 35.3680, 38.8606

Triad

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



31.6859, 35.3680, 35.7285



33.7385, 35.3680, 45.1682



35.4966, 35.3680, 35.1553

Complementary

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



31.6859, 35.3680, 35.7285



32.5627, 32.2443, 37.7670

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.



35.8672, 35.3680, 38.1610



31.6859, 35.3680, 35.7285



34.8377, 35.3680, 44.0433

Square

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



31.6859, 35.3680, 35.7285



32.6305, 35.3680, 44.4269



35.6234, 35.3680, 41.4317



34.6216, 35.3680, 33.1427

Rectangle

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



31.6859, 35.3680, 35.7285



31.6288, 35.3680, 41.0497



35.6234, 35.3680, 41.4317



35.6852, 35.3680, 36.0768

Sweetspot

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



31.6869, 35.3695, 35.7293



61.6304, 66.2053, 70.2487



33.2857, 36.2316, 34.0939



13.3413, 14.4092, 15.1854



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.



31.6869, 35.3695, 35.7293



56.3305, 63.6218, 63.2824



32.2844, 35.6085, 38.8758



7.0649, 7.9268, 7.9534



10.5883, 20.5217, 5.5486



0.2418, 0.4389, 0.2184

Inverse Universe

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



32.5627, 32.2443, 37.7670



58.2065, 56.9271, 67.6473



31.9699, 32.0071, 34.6453



7.2776, 7.1675, 8.4485



14.2290, 7.0476, 13.6622



0.3177, 0.1556, 0.3857

Previews

White Background



This preview shows how the XYZ color 31.6859, 35.3680, 35.7285 looks on a white background.

Color Contrast Check

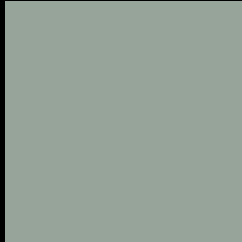
Large Text (above 18pt) WCAG AA × Fail

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 31.6859, 35.3680, 35.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

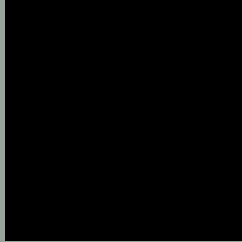
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

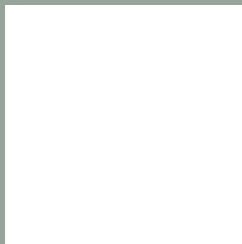
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6859, 35.3680, 35.7285

Background



This preview shows how black text looks on a background with the XYZ color 31.6859, 35.3680, 35.7285.



This preview shows how white text looks on a background with the XYZ color 31.6859, 35.3680,

35.7285.

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

31.6859, 35.3680, 35.7285

Protanopia

33.7554, 35.4079, 34.7611

Deuteranopia

35.8536, 35.1901, 36.3552



Tritanopia

33.5217, 35.3180, 45.0947

Trichromacy



Original Color

31.6859, 35.3680, 35.7285

Protanomaly

32.9918, 35.2632, 35.2046

Deuteranomaly

34.0796, 35.0358, 35.9767

Tritanomaly

32.8443, 35.3061, 41.6429

Monochromacy



Original Color

31.6859, 35.3680, 35.7285

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.5410, 34.9920, 36.9373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6859, 35.3680, 35.7285 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(150, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.6859, 35.3680, 35.7285 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(150, 164, 154) }
```


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

```
.border{ border-color:rgb(150, 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(150, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6859, 35.3680, 35.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 164, 154) }
```

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

```
.background{ background-color: rgb(150,  
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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