

Converting Colors

XYZ(30.5847, 30.0885, 38.9400)

Have a look what the booklet for
XYZ(30.5847, 30.0885, 38.9400)
contains.

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Color

**XYZ(30.4466, 29.9631,
38.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	9C91A3
RGB	156, 145, 163
RGB Percent	61%, 57%, 64%
CMY	0.3882, 0.4314, 0.3608
CMYK	0.04, 0.11, 0.00, 0.36
HSL	277°, 9%, 60%
HSV	277°, 11%, 64%
XYZ	30.4466, 29.9631, 38.8291
YIQ	150.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

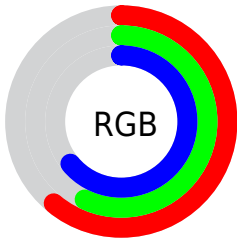
Format	Color
R_{YB}	156, 145, 163
Decimal	10260899
CIE Lab	61.62, 7.53, -8.00
CIE LCh	62, 10.987, 313.295
Yxy	29.9631, 0.3068, 0.3019
Android (android.graphics.Color)	4288450979 (0xFF9C91A3)
YUV	150.3410, 6.2409, 4.9629
Hunter-Lab	54.7386, 3.4925, -3.7407

Details

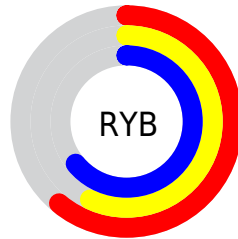
The XYZ color **30.4466, 29.9631, 38.8291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1580, 34.9149, 31.8866**, and the grayscale version is **29.1091, 30.6251, 33.3507**.

A 20% lighter version of the original color is **59.9423, 59.7577, 74.7048**, and **12.7872, 12.3354, 16.7459** is the 20% darker color. If you saturate the color by 10%, you get **26.9377, 24.7189, 38.0023**, and if you desaturate by 10%, it is **34.3786, 35.9576, 39.7794**.

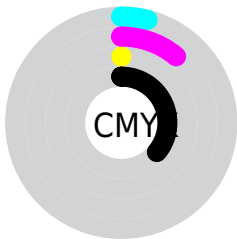
Distribution



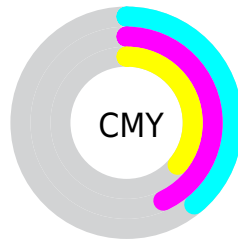
- Red (61%)
- Green (57%)
- Blue (64%)



- Red (61%)
- Yellow (57%)
- Blue (64%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4466, 29.9631, 38.8291 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 30.4466, 29.9631, 38.8291 by changing the saturation by 10% instead.

■ 30.4466, 29.9631,
38.8291

■ 30.4466, 29.9631,
38.8291

295.8533,
301.7324, 356.5676

■ 20.3276, 19.8106,
26.3200

■ 59.7495, 59.6038,
74.5946

■ 12.7430, 12.2574,
16.8353

■ 79.6641, 79.8608,
98.6881

■ 7.3276, 6.9193,
9.9564

103.5747,
104.2547, 127.4802

■ 3.7160, 3.4117,
5.2648

131.8464,
133.1700, 161.3893

■ 1.5427, 1.3502,
2.3420

164.8448,
166.9910, 200.8341

■ 0.3546, 0.1796,
0.7546

202.9352,

■ 0.0000, 0.0000,

206.1022, 246.2330

0.0000

246.4829,
250.8878, 298.0047

■ 30.4466, 29.9631,
38.8291

■ 30.4466, 29.9631,
38.8291

■ 26.9377, 24.7189,
38.0023

■ 34.3786, 35.9576,
39.7794

■ 23.8333, 20.1904,
37.2918

■ 38.7464, 42.7275,
40.8559

■ 21.1169, 16.3459,
36.6929

■ 43.5651, 50.3015,
42.0639

■ 18.7701, 13.1498,
36.1997

■ 48.8485, 58.7057,
43.4076

■ 16.7726, 10.5631,
35.8057

■ 54.6097, 67.9650,
44.8911

■ 15.1019, 8.5427,
35.5038

■ 60.8611, 78.1030,
46.5185

■ 13.7328, 7.0394,
35.2858

■ 66.2916, 86.4959,
47.8523

■ 12.6354, 5.9954,
35.1421

■ 68.0244, 87.3892,
47.9333

■ 11.8229, 5.3312,
35.0567

■ 69.8283, 88.3191,
48.0178

Harmonies

Analogous

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



29.1291, 29.9631, 41.0856



30.4466, 29.9631, 38.8291



31.2516, 29.9631, 34.9892

Triad

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



30.4466, 29.9631, 38.8291



29.2931, 29.9631, 25.5182



25.8350, 29.9631, 34.5076

Complementary

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



30.4466, 29.9631, 38.8291



31.1580, 34.9149, 31.8866

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.



25.8755, 29.9631, 30.3693



30.4466, 29.9631, 38.8291



27.8387, 29.9631, 25.4133

Square

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



30.4466, 29.9631, 38.8291



30.5702, 29.9631, 27.4191



26.5981, 29.9631, 27.1192



26.4855, 29.9631, 38.4507

Rectangle

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



30.4466, 29.9631, 38.8291



31.3728, 29.9631, 32.1650



26.5981, 29.9631, 27.1192



25.7689, 29.9631, 33.0888

Sweetspot

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



30.4475, 29.9644, 38.8298



60.0884, 62.1240, 70.8803



29.5498, 31.1868, 39.1130



13.3679, 13.7572, 15.8884



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.



30.4475, 29.9644, 38.8298



53.0818, 51.4835, 69.1957



31.6812, 30.6189, 38.0516



7.0963, 7.0640, 8.8925



9.2404, 4.1701, 27.2477



0.2447, 0.1137, 0.5749

Inverse Universe

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



30.8982, 30.3057, 33.9283



54.0511, 52.2151, 58.7627



30.0261, 34.3152, 32.5639



7.1825, 7.1295, 7.9474



12.4657, 6.3423, 4.3770



0.2847, 0.1424, 0.2118

Previews

White Background



This preview shows how the XYZ color 30.4466, 29.9631, 38.8291 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4466, 29.9631, 38.8291 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 × Fail

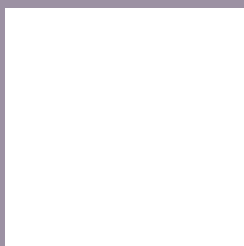
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4466, 29.9631, 38.8291

Background



This preview shows how black text looks on a background with the XYZ color 30.4466, 29.9631, 38.8291.



This preview shows how white text looks on a background with the XYZ color 30.4466, 29.9631,

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

30.4466, 29.9631, 38.8291

Protanopia

29.4141, 30.0995, 39.8568

Deuteranopia

30.6409, 30.0632, 38.8382



Tritanopia

29.8823, 29.9607, 36.1063

Trichromacy



Original Color

30.4466, 29.9631, 38.8291

Protanomaly

29.7122, 30.0318, 39.3527

Deuteranomaly

30.6409, 30.0632, 38.8382

Tritanomaly

30.0545, 30.0295, 37.0131

Monochromacy



Original Color

30.4466, 29.9631, 38.8291

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4552, 30.2218, 35.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4466, 29.9631, 38.8291 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(156, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 163)  
}
```

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(156, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.4466, 29.9631, 38.8291 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(156, 145, 163) }
```


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

```
.border{ border-color:rgb(156, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4466, 29.9631, 38.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 163) }
```

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

```
.background{ background-color: rgb(156,  
145, 163) }
```

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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