

Converting Colors

XYZ(30.3427, 30.9811, 36.1194)

Have a look what the booklet for
XYZ(30.3427, 30.9811, 36.1194)
contains.

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Color

**XYZ(30.3508, 30.8978,
36.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	9B959D
RGB	155, 149, 157
RGB Percent	61%, 58%, 62%
CMY	0.3922, 0.4157, 0.3843
CMYK	0.01, 0.05, 0.00, 0.38
HSL	285°, 4%, 60%
HSV	285°, 5%, 62%
XYZ	30.3508, 30.8978, 36.2625
YIQ	151.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

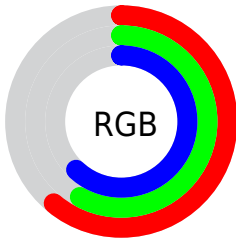
Format	Color
RYB	155, 149, 157
Decimal	10196381
CIELab	62.42, 3.73, -3.42
CIELCh	62, 5.063, 317.473
Yxy	30.8978, 0.3113, 0.3169
Android (android.graphics.Color)	4288386461 (0xFF9B959D)
YUV	151.7060, 2.6099, 2.8888
Hunter-Lab	55.5858, 0.1889, 0.2310

Details

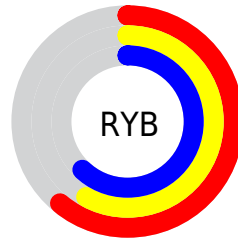
The XYZ color **30.3508, 30.8978, 36.2625** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2455, 32.8640, 33.1847**, and the grayscale version is **29.7079, 31.2550, 34.0367**.

A 20% lighter version of the original color is **59.5341, 61.0206, 70.9277**, and **12.6781, 12.7190, 15.4225** is the 20% darker color. If you saturate the color by 10%, you get **27.2913, 25.8791, 35.4555**, and if you desaturate by 10%, it is **33.7714, 36.6015, 37.1836**.

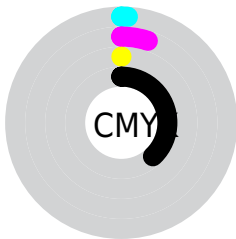
Distribution



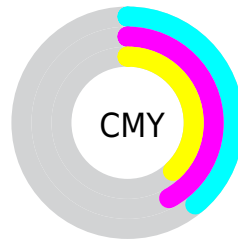
- Red (61%)
- Green (58%)
- Blue (62%)



- Red (61%)
- Yellow (58%)
- Blue (62%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3508, 30.8978, 36.2625 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 30.3508, 30.8978, 36.2625 by changing the saturation by 10% instead.

■ 30.3508, 30.8978,
36.2625

■ 30.3508, 30.8978,
36.2625

295.4168,
306.0672, 345.1785

■ 20.2544, 20.5210,
24.3457

■ 59.5993, 61.0791,
70.6106

■ 12.6894, 12.7744,
15.3757

■ 79.4822, 81.6525,
93.8791

■ 7.2906, 7.2733,
8.9339

103.3579,
106.3935, 121.7684

■ 3.6924, 3.6336,
4.6019

131.5918,
135.6866, 154.6973

■ 1.5296, 1.4708,
1.9610

164.5493,
169.9161, 193.0842

■ 0.3459, 0.2680,
0.5311

202.5957,

■ 0.0000, 0.0000,

209.4664, 237.3477

0.0000

246.0964,
254.7220, 287.9062

■ 30.3508, 30.8978,
36.2625

■ 30.3508, 30.8978,
36.2625

■ 27.2913, 25.8791,
35.4555

■ 33.7714, 36.6015,
37.1836

■ 24.5768, 21.5148,
34.7562

■ 37.5633, 43.0114,
38.2210

■ 22.1937, 17.7775,
34.1604

■ 41.7395, 50.1529,
39.3793

■ 20.1266, 14.6368,
33.6631

■ 46.3115, 58.0487,
40.6624

■ 18.3586, 12.0593,
33.2588

■ 51.2904, 66.7206,
42.0738

■ 16.8712, 10.0086,
32.9414

■ 56.6869, 76.1895,
43.6171

■ 15.6439, 8.4438,
32.7040

■ 61.2527, 83.9590,
44.8761

■ 14.6530, 7.3177,
32.5389

■ 62.1965, 84.4455,
44.9203

■ 13.8682, 6.5704,
32.4360

■ 63.1665, 84.9455,
44.9657

Harmonies

Analogous

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



29.7655, 30.8978, 37.3780



30.3508, 30.8978, 36.2625



30.6747, 30.8978, 34.4690

Triad

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



30.3508, 30.8978, 36.2625



29.6546, 30.8978, 30.0860



28.1265, 30.8978, 34.7901

Complementary

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



30.3508, 30.8978, 36.2625



30.2455, 32.8640, 33.1847

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.



28.0979, 30.8978, 32.8293



30.3508, 30.8978, 36.2625



28.9730, 30.8978, 30.1644

Square

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



30.3508, 30.8978, 36.2625



30.2686, 30.8978, 30.9332



28.4055, 30.8978, 31.1517



28.4844, 30.8978, 36.5055

Rectangle

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



30.3508, 30.8978, 36.2625



30.6955, 30.8978, 33.1533



28.4055, 30.8978, 31.1517



28.0782, 30.8978, 34.1364

Sweetspot

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



30.3517, 30.8991, 36.2632



56.1579, 58.3248, 65.4247



29.5696, 31.0014, 36.3241



12.3734, 12.8610, 14.4007



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3517, 30.8991, 36.2632



53.7670, 54.3626, 64.7859



30.5806, 31.0354, 35.4485



6.9443, 7.0041, 8.3926



11.0164, 5.1082, 26.3126



0.2327, 0.1098, 0.4722

Inverse Universe

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



30.2391, 30.8988, 33.6502



53.5289, 54.3634, 59.1958



30.0276, 32.7344, 33.9585



6.9118, 7.0043, 7.6264



11.6072, 5.9474, 2.1826



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 30.3508, 30.8978, 36.2625 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 30.3508, 30.8978, 36.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

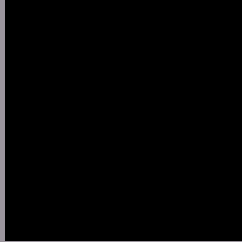
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3508, 30.8978, 36.2625

Background



This preview shows how black text looks on a background with the XYZ color 30.3508, 30.8978, 36.2625.



This preview shows how white text looks on a background with the XYZ color 30.3508, 30.8978,

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

30.3508, 30.8978, 36.2625

Protanopia

30.0268, 30.9567, 36.7404

Deuteranopia

31.5547, 30.8129, 36.6321



Tritanopia

30.4526, 30.6864, 37.5758

Trichromacy



Original Color

30.3508, 30.8978, 36.2625

Protanomaly

30.2148, 31.0536, 36.7492

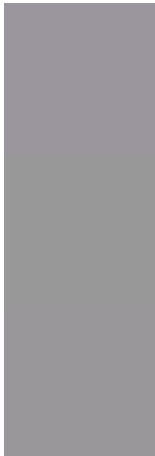
Deuteranomaly

31.1025, 30.8096, 36.6553

Tritanomaly

30.3655, 30.6516, 37.1168

Monochromacy



Original Color

30.3508, 30.8978, 36.2625

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0362, 31.2386, 35.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3508, 30.8978, 36.2625 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(155, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 149, 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(155, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.3508, 30.8978, 36.2625 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(155, 149, 157) }
```


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

```
.border{ border-color:rgb(155, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3508, 30.8978, 36.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 149, 157) }
```

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

```
.background{ background-color: rgb(155,  
149, 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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