

Converting Colors

XYZ(30.3812, 30.6137, 36.7598)

Have a look what the booklet for
XYZ(30.3812, 30.6137, 36.7598)
contains.

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Color

**XYZ(30.4718, 30.7164,
36.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	9C949E
RGB	156, 148, 158
RGB Percent	61%, 58%, 62%
CMY	0.3882, 0.4196, 0.3804
CMYK	0.01, 0.06, 0.00, 0.38
HSL	288°, 5%, 60%
HSV	288°, 6%, 62%
XYZ	30.4718, 30.7164, 36.6706
YIQ	151.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

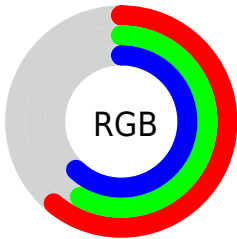
Format	Color
RYB	156, 148, 158
Decimal	10261662
CIELab	62.27, 4.85, -4.21
CIELCh	62, 6.418, 319.056
Yxy	30.7164, 0.3114, 0.3139
Android (android.graphics.Color)	4288451742 (0xFF9C949E)
YUV	151.5320, 3.1887, 3.9184
Hunter-Lab	55.4224, 1.1520, -0.4340

Details

The XYZ color **30.4718, 30.7164, 36.6706** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1510, 33.0767, 32.8139**, and the grayscale version is **29.6306, 31.1736, 33.9481**.

A 20% lighter version of the original color is **59.7091, 60.7468, 71.5291**, and **12.7542, 12.6142, 15.6725** is the 20% darker color. If you saturate the color by 10%, you get **27.5573, 25.7833, 35.8725**, and if you desaturate by 10%, it is **33.7423, 36.3370, 37.5836**.

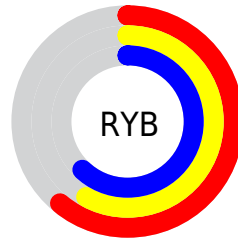
Distribution



Red (61%)

Green (58%)

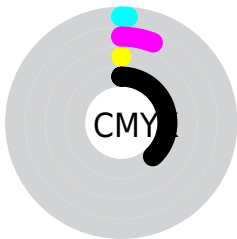
Blue (62%)



Red (61%)

Yellow (58%)

Blue (62%)

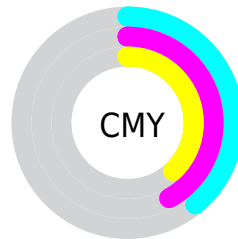


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (39%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4718, 30.7164, 36.6706 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 30.4718, 30.7164, 36.6706 by changing the saturation by 10% instead.

■ 30.4718, 30.7164,
36.6706

■ 30.4718, 30.7164,
36.6706

295.9680,
305.2296, 347.0078

■ 20.3468, 20.3830,
24.6588

■ 59.7890, 60.7933,
71.2465

■ 12.7571, 12.6737,
15.6063

■ 79.7120, 81.3056,
94.6477

■ 7.3374, 7.2043,
9.0947

103.6316,
105.9796, 122.6824

■ 3.7222, 3.5902,
4.7053

131.9134,
135.1997, 155.7692

■ 1.5462, 1.4471,
2.0197

164.9225,
169.3504, 194.3266

■ 0.3569, 0.2510,
0.5674

203.0244,

■ 0.0000, 0.0000,

208.8160, 238.7731

0.0000

246.5845,
253.9810, 289.5274

■ 30.4718, 30.7164,
36.6706

■ 30.4718, 30.7164,
36.6706

■ 27.5573, 25.7833,
35.8725

■ 33.7423, 36.3370,
37.5836

■ 24.9825, 21.5064,
35.1827

■ 37.3790, 42.6668,
38.6137

■ 22.7334, 17.8579,
34.5970

■ 41.3953, 49.7315,
39.7656

■ 20.7945, 14.8064,
34.1102

■ 45.8027, 57.5545,
41.0433

■ 19.1485, 12.3179,
33.7166

■ 50.6124, 66.1578,
42.4504

■ 17.7766, 10.3549,
33.4100

■ 55.8353, 75.5629,
43.9905

■ 16.6576, 8.8752,
33.1834

■ 60.3208, 83.4686,
45.2801

■ 15.7670, 7.8300,
33.0286

■ 61.0551, 83.8472,
45.3144

■ 15.0698, 7.1493,
32.9339

■ 61.8063, 84.2344,
45.3496

Harmonies

Analogous

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



29.7424, 30.7164, 38.1612



30.4718, 30.7164, 36.6706



30.8617, 30.7164, 34.3591

Triad

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



30.4718, 30.7164, 36.6706



29.5125, 30.7164, 28.9751



27.6482, 30.7164, 35.0273

Complementary

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



30.4718, 30.7164, 36.6706



30.1510, 33.0767, 32.8139

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.



27.5894, 30.7164, 32.5472



30.4718, 30.7164, 36.6706



28.6544, 30.7164, 29.1342

Square

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



30.4718, 30.7164, 36.6706



30.3006, 30.7164, 29.9683



27.9544, 30.7164, 30.4142



28.1167, 30.7164, 37.1805

Rectangle

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



30.4718, 30.7164, 36.6706



30.8716, 30.7164, 32.6994



27.9544, 30.7164, 30.4142



27.5803, 30.7164, 34.2017

Sweetspot

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



30.4727, 30.7177, 36.6713



57.8034, 60.0033, 67.2787



29.3186, 30.6319, 36.7155



13.0476, 13.5549, 15.1723



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4727, 30.7177, 36.6713



54.3218, 54.0520, 66.3135



30.6218, 30.8225, 35.4200



6.7741, 6.6875, 8.3405



11.9126, 5.5702, 26.3545



0.2434, 0.1152, 0.4726

Inverse Universe

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



30.1966, 30.6524, 33.1807



53.6883, 53.9039, 58.2210



30.0131, 32.9794, 33.9924



6.6846, 6.6668, 7.1904



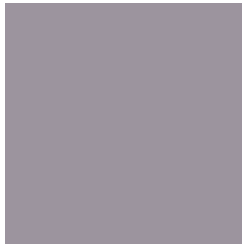
11.5095, 5.9084, 1.6683



0.2187, 0.1108, 0.0978

Previews

White Background



This preview shows how the XYZ color 30.4718, 30.7164, 36.6706 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 30.4718, 30.7164, 36.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

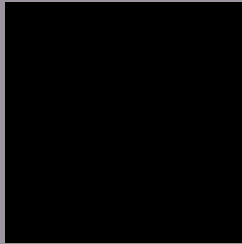
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4718, 30.7164, 36.6706

Background



This preview shows how black text looks on a background with the XYZ color 30.4718, 30.7164, 36.6706.



This preview shows how white text looks on a background with the XYZ color 30.4718, 30.7164,

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

30.4718, 30.7164, 36.6706

Protanopia

29.9269, 30.8952, 37.1869

Deuteranopia

31.3507, 30.7078, 36.6226



Tritanopia

30.5582, 30.7509, 37.1258

Trichromacy



Original Color

30.4718, 30.7164, 36.6706

Protanomaly

30.1423, 30.7704, 37.1515

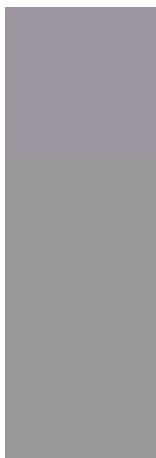
Deuteranomaly

31.1025, 30.8096, 36.6553

Tritanomaly

30.5582, 30.7509, 37.1258

Monochromacy



Original Color

30.4718, 30.7164, 36.6706

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 30.4718, 30.7164, 36.6706 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, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 158)  
}
```

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, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.4718, 30.7164, 36.6706 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, 148, 158) }
```


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

```
.border{ border-color:rgb(156, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4718, 30.7164, 36.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 158) }
```

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

```
.background{ background-color: rgb(156,  
148, 158) }
```

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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