

Converting Colors

XYZ(30.8722, 33.8748, 36.8117)

Have a look what the booklet for
XYZ(30.8722, 33.8748, 36.8117)
contains.

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Color

**XYZ(30.8694, 33.8718,
36.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	94A09D
RGB	148, 160, 157
RGB Percent	58%, 63%, 62%
CMY	0.4196, 0.3725, 0.3843
CMYK	0.08, 0.00, 0.02, 0.37
HSL	165°, 6%, 60%
HSV	165°, 8%, 63%
XYZ	30.8694, 33.8718, 36.8092
YIQ	156.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

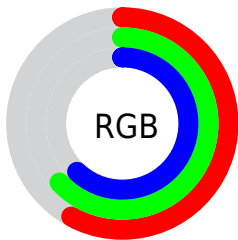
Format	Color
RYB	148, 155, 160
Decimal	9740445
CIELab	64.86, -4.85, 0.09
CIELCh	65, 4.849, 178.936
Yxy	33.8718, 0.3040, 0.3335
Android (android.graphics.Color)	4287930525 (0xFF94A09D)
YUV	156.0700, 0.4585, -7.0774
Hunter-Lab	58.1995, -7.1715, 3.2407

Details

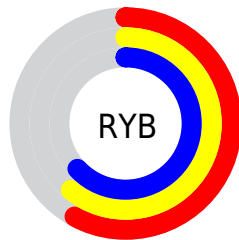
The XYZ color **30.8694, 33.8718, 36.8092** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6743, 30.8888, 33.6253**, and the grayscale version is **31.6320, 33.2793, 36.2411**.

A 20% lighter version of the original color is **60.5412, 65.9109, 71.8186**, and **12.9999, 14.5193, 15.7530** is the 20% darker color. If you saturate the color by 10%, you get **27.8370, 32.3483, 34.9130**, and if you desaturate by 10%, it is **34.3150, 35.6089, 38.7846**.

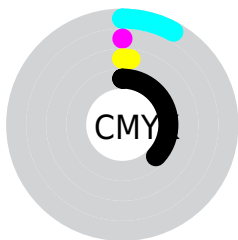
Distribution



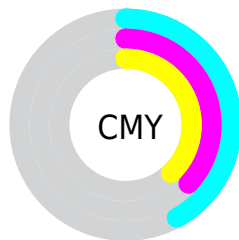
- Red (58%)
- Green (63%)
- Blue (62%)



- Red (58%)
- Yellow (61%)
- Blue (63%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8694, 33.8718, 36.8092 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 30.8694, 33.8718, 36.8092 by changing the saturation by 10% instead.

■ 30.8694, 33.8718,
36.8092

■ 30.8694, 33.8718,
36.8092

297.7738,
319.5600, 347.6275

■ 20.6508, 22.7951,
24.7652

■ 60.4116, 65.7343,
71.4623

■ 12.9800, 14.4423,
15.6848

■ 80.4659, 87.2888,
94.9084

■ 7.4917, 8.4289,
9.1494

104.5295,
113.1048, 122.9923

■ 3.8205, 4.3706,
4.7406

132.9677,
143.5667, 156.1326

■ 1.6011, 1.8830,
2.0398

166.1459,
179.0587, 194.7477

■ 0.3931, 0.5381,
0.5796

204.4294,

■ 0.0000, 0.0000,

219.9653, 239.2561

0.0000

248.1836,
266.6710, 290.0766

■ 30.8694, 33.8718,
36.8092

■ 30.8694, 33.8718,
36.8092

■ 27.8370, 32.3483,
34.9130

■ 34.3150, 35.6089,
38.7846

■ 25.1985, 31.0257,
33.0925

■ 38.1865, 37.5632,
40.8381

■ 22.9373, 29.8963,
31.3470

■ 42.4993, 39.7439,
42.9719

■ 21.0346, 28.9505,
29.6750

■ 47.2676, 42.1579,
45.1870

■ 19.4698, 28.1776,
28.0751

■ 52.5046, 44.8122,
47.4847

■ 18.2202, 27.5659,
26.5455

■ 58.2232, 47.7135,
49.8660

■ 17.2602, 27.1024,
25.0845

■ 62.5704, 49.9064,
52.2447

■ 16.5603, 26.7717,
23.6901

■ 62.9991, 50.0779,
54.5022

■ 16.0713, 26.5485,
22.3593

■ 63.4398, 50.2542,
56.8228

Harmonies

Analogous

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



31.0569, 33.8718, 34.9306



30.8694, 33.8718, 36.8092



31.0326, 33.8718, 38.7738

Triad

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



30.8694, 33.8718, 36.8092



32.8486, 33.8718, 40.3517



32.8924, 33.8718, 33.6818

Complementary

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



30.8694, 33.8718, 36.8092



30.6743, 30.8888, 33.6253

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.



33.3843, 33.8718, 35.0501



30.8694, 33.8718, 36.8092



33.3588, 33.8718, 38.9020

Square

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



30.8694, 33.8718, 36.8092



32.1692, 33.8718, 40.8631



33.5562, 33.8718, 36.9522



32.2191, 33.8718, 33.1657

Rectangle

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



30.8694, 33.8718, 36.8092



31.3196, 33.8718, 39.8585



33.5562, 33.8718, 36.9522



33.0848, 33.8718, 34.0549

Sweetspot

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



30.8704, 33.8732, 36.8099



59.3710, 63.1742, 68.7739



30.7169, 33.8797, 32.9382



13.0376, 13.8634, 15.0926



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.



30.8704, 33.8732, 36.8099



55.0767, 61.0119, 66.2474



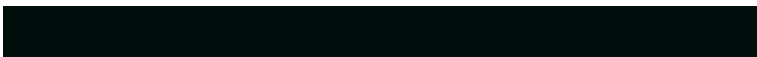
30.6499, 33.0170, 38.0168



6.7509, 7.4811, 8.1228



12.4504, 20.6481, 17.2606



0.2383, 0.3755, 0.3911

Inverse Universe

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



30.6743, 30.8888, 33.6253



54.6462, 54.4583, 59.2544



30.8781, 31.6817, 32.5054



6.6977, 6.6720, 7.2595



11.6073, 5.9475, 2.1831



0.2229, 0.1125, 0.1199

Previews

White Background



This preview shows how the XYZ color 30.8694, 33.8718, 36.8092 looks on a white background.

Color Contrast Check

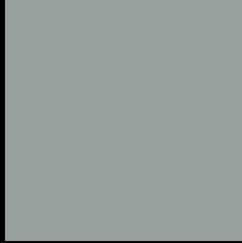
Large Text (above 18pt) WCAG AA × Fail

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 30.8694, 33.8718, 36.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

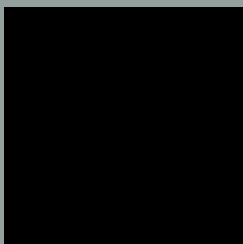
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

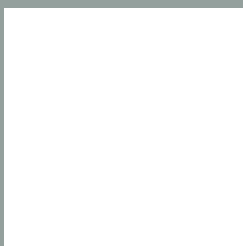
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8694, 33.8718, 36.8092

Background



This preview shows how black text looks on a background with the XYZ color 30.8694, 33.8718, 36.8092.

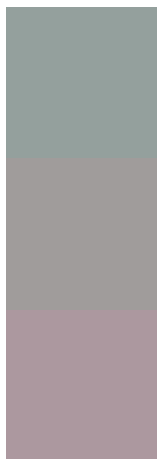


This preview shows how white text looks on a background with the XYZ color 30.8694, 33.8718,

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

30.8694, 33.8718, 36.8092

Protanopia

32.3021, 33.6171, 35.7966

Deuteranopia

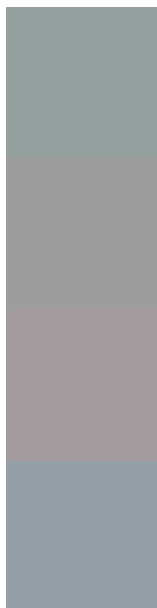
34.4995, 33.7303, 37.4932



Tritanopia

32.0602, 33.8400, 42.8722

Trichromacy



Original Color

30.8694, 33.8718, 36.8092

Protanomaly

31.7680, 33.5822, 36.2601

Deuteranomaly

32.9972, 33.6978, 37.1129

Tritanomaly

31.5841, 33.9024, 40.4765

Monochromacy



Original Color

30.8694, 33.8718, 36.8092

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1946, 33.2865, 36.2333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8694, 33.8718, 36.8092 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, 160, 157) looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 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(148, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.8694, 33.8718, 36.8092 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, 160, 157) }
```


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

```
.border{ border-color:rgb(148, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 157);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8694, 33.8718, 36.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 157) }
```

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

```
.background{ background-color: rgb(148,  
160, 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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