

Converting Colors

XYZ(30.1974, 32.8756, 34.8910)

Have a look what the booklet for
XYZ(30.1974, 32.8756, 34.8910)
contains.

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Color

**XYZ(30.2012, 32.8034,
34.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	959D99
RGB	149, 157, 153
RGB Percent	58%, 62%, 60%
CMY	0.4157, 0.3843, 0.4000
CMYK	0.05, 0.00, 0.03, 0.38
HSL	150°, 4%, 60%
HSV	150°, 5%, 62%
XYZ	30.2012, 32.8034, 34.8769
YIQ	154.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

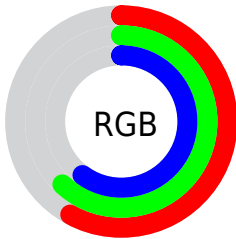
Format	Color
RYB	149, 154, 157
Decimal	9805209
CIELab	64.00, -3.64, 1.09
CIELCh	64, 3.802, 163.331
Yxy	32.8034, 0.3085, 0.3351
Android (android.graphics.Color)	4287995289 (0xFF959D99)
YUV	154.1520, -0.5679, -4.5183
Hunter-Lab	57.2743, -6.1054, 3.9876

Details

The XYZ color **30.2012, 32.8034, 34.8769** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4031, 30.9638, 34.5129**, and the grayscale version is **30.7862, 32.3895, 35.2721**.

A 20% lighter version of the original color is **59.4346, 64.2885, 68.3079**, and **12.5893, 13.8640, 14.5829** is the 20% darker color. If you saturate the color by 10%, you get **26.9003, 31.1752, 31.4477**, and if you desaturate by 10%, it is **33.9328, 34.6506, 38.5505**.

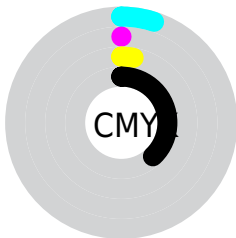
Distribution



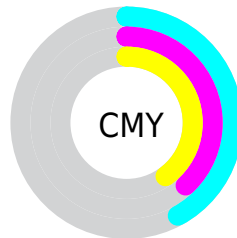
- Red (58%)
- Green (62%)
- Blue (60%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2012, 32.8034, 34.8769 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 30.2012, 32.8034, 34.8769 by changing the saturation by 10% instead.

■ 30.2012, 32.8034,
34.8769

■ 30.2012, 32.8034,
34.8769

294.7342,
314.7629, 338.9124

■ 20.1402, 21.9759,
23.2853

■ 59.3647, 64.0685,
68.4444

■ 12.6058, 13.8392,
14.5970

■ 79.1978, 85.2748,
91.2574

■ 7.2328, 8.0089,
8.3936

103.0191,
110.7095, 118.6479

■ 3.6557, 4.1006,
4.2564

131.1938,
140.7571, 151.0345

■ 1.5093, 1.7300,
1.7671

164.0873,
175.8018, 188.8357

■ 0.3321, 0.4430,
0.4061

202.0650,

■ 0.0000, 0.0000,

216.2280, 232.4701

0.0000

245.4921,
262.4203, 282.3561

■ 30.2012, 32.8034,
34.8769

■ 30.2012, 32.8034,
34.8769

■ 26.9003, 31.1752,
31.4477

■ 33.9328, 34.6506,
38.5505

■ 24.0113, 29.7534,
28.2556

■ 38.1077, 36.7204,
42.4712

■ 21.5177, 28.5309,
25.2963

■ 42.7412, 39.0215,
46.6445

■ 19.4012, 27.4981,
22.5644

■ 47.8472, 41.5609,
51.0747

■ 17.6419, 26.6448,
20.0543

■ 53.4390, 44.3456,
55.7665

■ 16.2176, 25.9599,
17.7601

■ 59.5292, 47.3818,
60.7242

■ 15.1041, 25.4309,
15.6755

■ 64.6792, 49.9278,
65.8840

■ 14.2732, 25.0433,
13.7942

■ 65.6695, 50.3239,
71.0989

■ 13.6893, 24.7790,
12.1090

■ 66.7083, 50.7395,
76.5693

Harmonies

Analogous

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



30.4764, 32.8034, 33.6119



30.2012, 32.8034, 34.8769



30.1860, 32.8034, 36.4026

Triad

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



30.2012, 32.8034, 34.8769



31.4170, 32.8034, 38.6687



31.9348, 32.8034, 33.7289

Complementary

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



30.2012, 32.8034, 34.8769



30.4031, 30.9638, 34.5129

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.



32.1928, 32.8034, 35.0407



30.2012, 32.8034, 34.8769



31.8916, 32.8034, 37.9088

Square

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



30.2012, 32.8034, 34.8769



30.8838, 32.8034, 38.6218



32.1770, 32.8034, 36.5711



31.4754, 32.8034, 32.9623

Rectangle

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



30.2012, 32.8034, 34.8769



30.3250, 32.8034, 37.3647



32.1770, 32.8034, 36.5711



32.0482, 32.8034, 34.1191

Sweetspot

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



30.2021, 32.8048, 34.8776



56.0468, 59.7164, 64.4243



30.6450, 33.0707, 33.2025



12.3504, 13.1490, 14.1938



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.



30.2021, 32.8048, 34.8776



53.4493, 58.4325, 61.8138



30.5270, 32.9347, 36.5883



6.9009, 7.5616, 7.9849



10.9419, 20.0447, 9.3169



0.2170, 0.3669, 0.2790

Inverse Universe

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



30.4031, 30.9638, 34.5129



53.8783, 54.5031, 61.0353



30.0886, 30.8380, 32.8567



6.9596, 7.0234, 7.8782



12.4441, 6.2822, 6.5896



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 30.2012, 32.8034, 34.8769 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 30.2012, 32.8034, 34.8769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

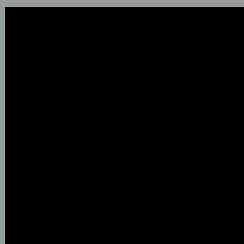
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

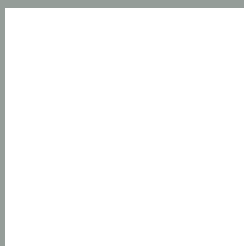
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2012, 32.8034, 34.8769

Background



This preview shows how black text looks on a background with the XYZ color 30.2012, 32.8034, 34.8769.



This preview shows how white text looks on a background with the XYZ color 30.2012, 32.8034,

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

30.2012, 32.8034, 34.8769

Protanopia

31.2421, 32.6147, 33.9268

Deuteranopia

33.3166, 32.6918, 35.1260



Tritanopia

31.4589, 32.8120, 41.2345

Trichromacy



Original Color

30.2012, 32.8034, 34.8769

Protanomaly

30.9064, 32.6783, 34.3844

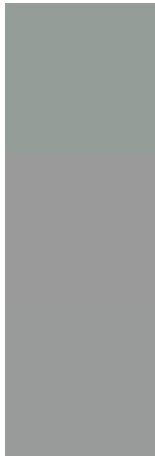
Deuteranomaly

32.1243, 32.7969, 35.2092

Tritanomaly

30.9877, 32.8696, 38.8937

Monochromacy



Original Color

30.2012, 32.8034, 34.8769

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5030, 32.4512, 35.2279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2012, 32.8034, 34.8769 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(149, 157, 153) looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 153)  
}
```

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(149, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.2012, 32.8034, 34.8769 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(149, 157, 153) }
```


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

```
.border{ border-color:rgb(149, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2012, 32.8034, 34.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 153) }
```

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

```
.background{ background-color: rgb(149,  
157, 153) }
```

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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