

Converting Colors

XYZ(30.2800, 32.4848, 34.6869)

Have a look what the booklet for
XYZ(30.2800, 32.4848, 34.6869)
contains.

XYZ(30.4007, 32.6562, 34.8380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4007, 32.6562,
34.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	979C99
RGB	151, 156, 153
RGB Percent	59%, 61%, 60%
CMY	0.4078, 0.3882, 0.4000
CMYK	0.03, 0.00, 0.02, 0.39
HSL	144°, 2%, 60%
HSV	144°, 3%, 61%
XYZ	30.4007, 32.6562, 34.8380
YIQ	154.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

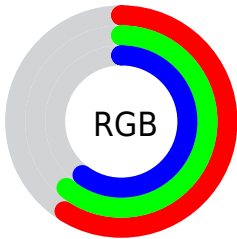
Format	Color
RYB	151, 155, 156
Decimal	9936025
CIELab	63.88, -2.38, 0.93
CIELCh	64, 2.553, 158.522
Yxy	32.6562, 0.3105, 0.3336
Android (android.graphics.Color)	4288126105 (0xFF979C99)
YUV	154.1630, -0.5734, -2.7740
Hunter-Lab	57.1456, -5.0452, 3.8566

Details

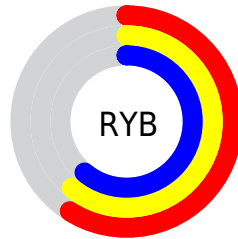
The XYZ color **30.4007, 32.6562, 34.8380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6108, 31.5349, 35.0468**, and the grayscale version is **30.7906, 32.3941, 35.2772**.

A 20% lighter version of the original color is **59.4859, 63.5773, 68.1679**, and **12.7054, 13.7718, 14.5589** is the 20% darker color. If you saturate the color by 10%, you get **26.9518, 30.9650, 30.7972**, and if you desaturate by 10%, it is **34.2953, 34.5720, 39.2178**.

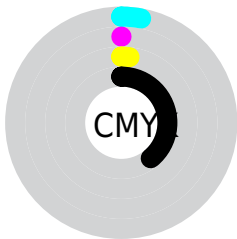
Distribution



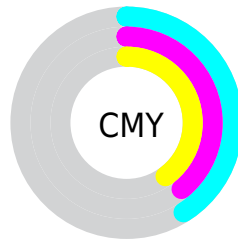
- Red (59%)
- Green (61%)
- Blue (60%)



- Red (59%)
- Yellow (61%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4007, 32.6562, 34.8380 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 30.4007, 32.6562, 34.8380 by changing the saturation by 10% instead.

■ 30.4007, 32.6562,
34.8380

■ 30.4007, 32.6562,
34.8380

295.6442,
314.0977, 338.7352

■ 20.2925, 21.8632,
23.2556

■ 59.6776, 63.8384,
68.3834

■ 12.7173, 13.7564,
14.5753

■ 79.5770, 84.9964,
91.1835

■ 7.3099, 7.9514,
8.3785

103.4708,
110.3782, 118.5599

■ 3.7047, 4.0639,
4.2469

131.7245,
140.3681, 150.9311

■ 1.5365, 1.7094,
1.7617

164.7033,
175.3507, 188.7157

■ 0.3504, 0.4297,
0.4025

202.7726,

■ 0.0000, 0.0000,

215.7102, 232.3323

0.0000

246.2978,
261.8311, 282.1992

■ 30.4007, 32.6562,
34.8380

■ 30.4007, 32.6562,
34.8380

■ 26.9518, 30.9650,
30.7972

■ 34.2953, 34.5720,
39.2178

■ 23.9295, 29.4860,
27.0854

■ 38.6483, 36.7160,
43.9421

■ 21.3174, 28.2117,
23.6948

■ 43.4753, 39.0970,
49.0192

■ 19.0969, 27.1329,
20.6168

■ 48.7903, 41.7221,
54.4563

■ 17.2480, 26.2392,
17.8425

■ 54.6068, 44.5982,
60.2604

■ 15.7488, 25.5197,
15.3622

■ 60.9376, 47.7317,
66.4382

■ 14.5750, 24.9620,
13.1661

■ 65.8549, 50.1286,
72.9057

■ 13.6989, 24.5520,
11.2434

■ 67.1193, 50.6343,
79.5640

■ 13.0879, 24.2731,
9.5829

■ 68.4541, 51.1682,
86.5929

Harmonies

Analogous

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



30.6107, 32.6562, 34.0324



30.4007, 32.6562, 34.8380



30.3610, 32.6562, 35.8509

Triad

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



30.4007, 32.6562, 34.8380



31.1412, 32.6562, 37.5485



31.5820, 32.6562, 34.3397

Complementary

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



30.4007, 32.6562, 34.8380



30.6108, 31.5349, 35.0468

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.



31.7265, 32.6562, 35.2648



30.4007, 32.6562, 34.8380



31.4707, 32.6562, 37.1265

Square

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



30.4007, 32.6562, 34.8380



30.7866, 32.6562, 37.4289



31.6856, 32.6562, 36.2859



31.2922, 32.6562, 33.7486

Rectangle

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



30.4007, 32.6562, 34.8380



30.4361, 32.6562, 36.5096



31.6856, 32.6562, 36.2859



31.6493, 32.6562, 34.6212

Sweetspot

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



30.4016, 32.6576, 34.8387



56.6919, 60.0378, 64.9603



30.8179, 32.8911, 34.0028



12.4840, 13.2155, 14.3047



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.



30.4016, 32.6576, 34.8387



54.6370, 59.0283, 62.6093



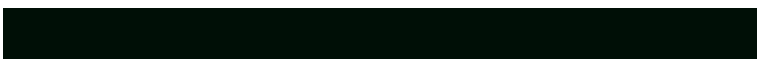
30.6035, 32.7384, 35.9019



7.0371, 7.6303, 8.0636



10.5334, 19.8813, 7.1659



0.2086, 0.3636, 0.2349

Inverse Universe

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



30.6108, 31.5349, 35.0468



55.1174, 56.4498, 63.0873



30.4113, 31.4551, 33.9962



7.1075, 7.2523, 8.1337



12.9609, 6.4889, 9.3108



0.2522, 0.1242, 0.2744

Previews

White Background



This preview shows how the XYZ color 30.4007, 32.6562, 34.8380 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 30.4007, 32.6562, 34.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

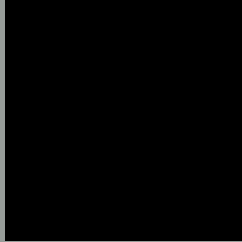
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4007, 32.6562, 34.8380

Background



This preview shows how black text looks on a background with the XYZ color 30.4007, 32.6562, 34.8380.



This preview shows how white text looks on a background with the XYZ color 30.4007, 32.6562,

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

30.4007, 32.6562, 34.8380

Protanopia

31.3236, 32.6473, 34.3564

Deuteranopia

33.3166, 32.6918, 35.1260



Tritanopia

31.5754, 32.6367, 40.7117

Trichromacy



Original Color

30.4007, 32.6562, 34.8380

Protanomaly

30.9064, 32.6783, 34.3844

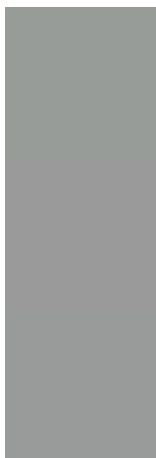
Deuteranomaly

32.1652, 32.5761, 35.1644

Tritanomaly

31.1033, 32.6913, 38.3889

Monochromacy



Original Color

30.4007, 32.6562, 34.8380

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6909, 32.5481, 35.2367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4007, 32.6562, 34.8380 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(151, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 156, 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(151, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 156, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.4007, 32.6562, 34.8380 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(151, 156, 153) }
```


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

```
.border{ border-color:rgb(151, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 156,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4007, 32.6562, 34.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 156, 153) }
```

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

```
.background{ background-color: rgb(151,  
156, 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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