

Converting Colors

XYZ(30.7204, 34.5948, 33.5969)

Have a look what the booklet for
XYZ(30.7204, 34.5948, 33.5969)
contains.

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Color

**XYZ(30.7348, 34.6602,
33.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	94A395
RGB	148, 163, 149
RGB Percent	58%, 64%, 58%
CMY	0.4196, 0.3608, 0.4157
CMYK	0.09, 0.00, 0.09, 0.36
HSL	124°, 8%, 61%
HSV	124°, 9%, 64%
XYZ	30.7348, 34.6602, 33.5040
YIQ	156.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

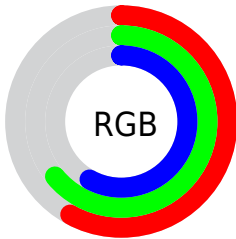
Format	Color
RYB	148, 162, 163
Decimal	9741205
CIELab	65.48, -8.03, 5.47
CIELCh	65, 9.714, 145.766
Yxy	34.6602, 0.3108, 0.3505
Android (android.graphics.Color)	4287931285 (0xFF94A395)
YUV	156.9190, -3.9041, -7.8220
Hunter-Lab	58.8729, -9.8411, 7.4697

Details

The XYZ color **30.7348, 34.6602, 33.5040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2170, 31.5759, 38.5809**, and the grayscale version is **32.0306, 33.6987, 36.6979**.

A 20% lighter version of the original color is **60.2080, 67.0112, 66.2611**, and **12.8188, 14.7921, 13.7348** is the 20% darker color. If you saturate the color by 10%, you get **26.8551, 32.7925, 27.3908**, and if you desaturate by 10%, it is **35.1903, 36.8085, 40.4740**.

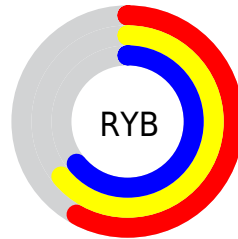
Distribution



Red (58%)

Green (64%)

Blue (58%)



Red (58%)

Yellow (64%)

Blue (64%)

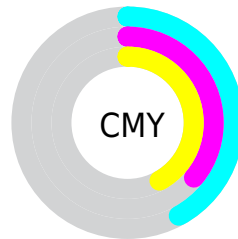


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7348, 34.6602, 33.5040 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 30.7348, 34.6602, 33.5040 by changing the saturation by 10% instead.

■ 30.7348, 34.6602,
33.5040

■ 30.7348, 34.6602,
33.5040

297.1634,
323.0659, 332.6161

■ 20.5478, 23.4012,
22.2385

■ 60.2010, 66.9590,
66.2867

■ 12.9045, 14.8901,
13.8323

■ 80.2109, 88.7677,
88.6409

■ 7.4393, 8.7423,
7.8667

104.2259,
114.8617, 115.5286

■ 3.7871, 4.5735,
3.9232

132.6112,
145.6255, 147.3681

■ 1.5824, 1.9992,
1.5833

165.7322,
181.4434, 184.5781

■ 0.3809, 0.6070,
0.2789

203.9544,

■ 0.0000, 0.0000,

222.6998, 227.5771

0.0000

247.6430,
269.7792, 276.7836

■ 30.7348, 34.6602,
33.5040

■ 30.7348, 34.6602,
33.5040

■ 26.8551, 32.7925,
27.3908

■ 35.1903, 36.8085,
40.4740

■ 23.5251, 31.1894,
22.0990

■ 40.2409, 39.2435,
48.3296

■ 20.7207, 29.8405,
17.5945

■ 45.9083, 41.9768,
57.1011

■ 18.4150, 28.7326,
13.8396

■ 52.2123, 45.0182,
66.8168

■ 16.5788, 27.8515,
10.7936

■ 59.1720, 48.3767,
77.5037

■ 15.1796, 27.1815,
8.4120

■ 66.8055, 52.0612,
89.1878

■ 14.1812, 26.7048,
6.6452

■ 72.3878, 54.6757,
101.3459

■ 13.5411, 26.4009,
5.4368

■ 13.1809, 26.2308,
4.7186

Harmonies

Analogous

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



31.7694, 34.6602, 31.1187



30.7348, 34.6602, 33.5040



30.2919, 34.6602, 37.1641

Triad

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



30.7348, 34.6602, 33.5040



32.7421, 34.6602, 46.0971



35.4671, 34.6602, 34.4372

Complementary

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



30.7348, 34.6602, 33.5040



32.2170, 31.5759, 38.5809

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.



35.7455, 34.6602, 38.3200



30.7348, 34.6602, 33.5040



34.1461, 34.6602, 45.2375

Square

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



30.7348, 34.6602, 33.5040



31.4295, 34.6602, 44.5885



35.2555, 34.6602, 42.3168



34.5053, 34.6602, 31.6297

Rectangle

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



30.7348, 34.6602, 33.5040



30.3822, 34.6602, 39.9065



35.2555, 34.6602, 42.3168



35.6448, 34.6602, 35.6516

Sweetspot

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



30.7358, 34.6617, 33.5048



59.8229, 64.3769, 67.4897



33.3951, 36.0418, 33.2142



13.2938, 14.3903, 14.9356



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.7358, 34.6617, 33.5048



53.5716, 61.3646, 57.6906



31.3330, 34.9006, 36.6498



7.0038, 7.9023, 7.6319



10.2320, 20.3792, 3.6725



0.2204, 0.4304, 0.1056

Inverse Universe

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



32.2170, 31.5759, 38.5809



56.7577, 54.7272, 68.6089



31.5907, 31.3254, 35.2828



7.3439, 7.1940, 8.7971



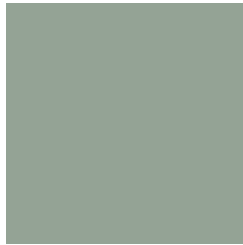
16.1588, 7.8196, 23.8244



0.3452, 0.1666, 0.5304

Previews

White Background



This preview shows how the XYZ color 30.7348, 34.6602, 33.5040 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 30.7348, 34.6602, 33.5040 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 30.7348, 34.6602, 33.5040

Background



This preview shows how black text looks on a background with the XYZ color 30.7348, 34.6602, 33.5040.



This preview shows how white text looks on a background with the XYZ color 30.7348, 34.6602,

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

30.7348, 34.6602, 33.5040

Protanopia

32.9322, 34.5284, 32.1231

Deuteranopia

35.1086, 34.3639, 34.0606



Tritanopia

32.9661, 34.7956, 44.0084

Trichromacy



Original Color

30.7348, 34.6602, 33.5040

Protanomaly

32.1353, 34.6191, 32.5922

Deuteranomaly

33.2879, 34.4229, 33.7440

Tritanomaly

32.2082, 34.7494, 40.1317

Monochromacy



Original Color

30.7348, 34.6602, 33.5040

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5573, 33.9994, 35.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7348, 34.6602, 33.5040 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, 163, 149) looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 149)  
}
```

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, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.7348, 34.6602, 33.5040 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, 163, 149) }
```


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

```
.border{ border-color:rgb(148, 163, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7348, 34.6602, 33.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 149) }
```

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

```
.background{ background-color: rgb(148,  
163, 149) }
```

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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