

Converting Colors

XYZ(30.4573, 34.2758, 36.6410)

Have a look what the booklet for
XYZ(30.4573, 34.2758, 36.6410)
contains.

XYZ(30.4227, 34.1703, 36.4446)	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(30.4227, 34.1703,
36.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	90A29C
RGB	144, 162, 156
RGB Percent	56%, 64%, 61%
CMY	0.4353, 0.3647, 0.3882
CMYK	0.11, 0.00, 0.04, 0.36
HSL	160°, 9%, 60%
HSV	160°, 11%, 64%
XYZ	30.4227, 34.1703, 36.4446
YIQ	155.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

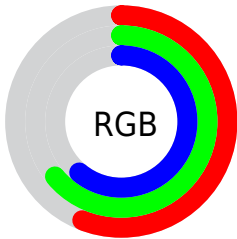
Format	Color
RYB	144, 155, 162
Decimal	9478812
CIELab	65.10, -7.53, 0.96
CIELCh	65, 7.595, 172.739
Yxy	34.1703, 0.3011, 0.3382
Android (android.graphics.Color)	4287668892 (0xFF90A29C)
YUV	155.9340, 0.0325, -10.4661
Hunter-Lab	58.4554, -9.3978, 3.9538

Details

The XYZ color **30.4227, 34.1703, 36.4446** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3798, 29.8308, 33.0125**, and the grayscale version is **31.5740, 33.2183, 36.1747**.

A 20% lighter version of the original color is **59.7344, 66.2846, 70.6186**, and **12.7418, 14.5515, 15.5017** is the 20% darker color. If you saturate the color by 10%, you get **27.3466, 32.6371, 33.9662**, and if you desaturate by 10%, it is **33.9272, 35.9238, 39.0506**.

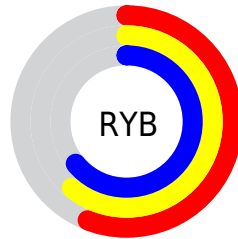
Distribution



Red (56%)

Green (64%)

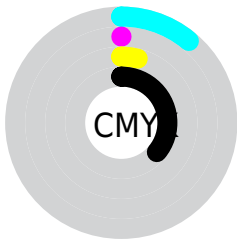
Blue (61%)



Red (56%)

Yellow (61%)

Blue (64%)

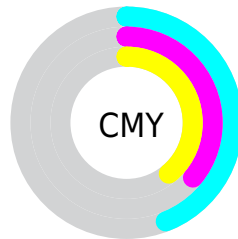


Cyan (11%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4227, 34.1703, 36.4446 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 30.4227, 34.1703, 36.4446 by changing the saturation by 10% instead.

■ 30.4227, 34.1703,
36.4446

■ 30.4227, 34.1703,
36.4446

295.7444,
320.8907, 345.9957

■ 20.3093, 23.0245,
24.4854

■ 59.7121, 66.1984,
70.8945

■ 12.7297, 14.6116,
15.4785

■ 79.6188, 87.8495,
94.2222

■ 7.3184, 8.5472,
9.0056

103.5206,
113.7711, 122.1765

■ 3.7101, 4.4471,
4.6480

131.7829,
144.3476, 155.1760

■ 1.5395, 1.9267,
1.9871

164.7711,
179.9634, 193.6391

■ 0.3524, 0.5643,
0.5473

202.8505,

■ 0.0000, 0.0000,

221.0029, 237.9843

0.0000

246.3865,
267.8506, 288.6304

■ 30.4227, 34.1703,
36.4446

■ 30.4227, 34.1703,
36.4446

■ 27.3466, 32.6371,
33.9662

■ 33.9272, 35.9238,
39.0506

■ 24.6785, 31.3110,
31.6111

■ 37.8735, 37.9018,
41.7842

■ 22.4006, 30.1838,
29.3777

■ 42.2783, 40.1137,
44.6480

■ 20.4928, 29.2451,
27.2637

■ 47.1563, 42.5672,
47.6442

■ 18.9328, 28.4835,
25.2665

■ 52.5215, 45.2693,
50.7745

■ 17.6963, 27.8865,
23.3835

■ 58.3876, 48.2272,
54.0410

■ 16.7554, 27.4396,
21.6120

■ 63.8776, 50.9886,
57.4038

■ 16.0771, 27.1261,
19.9489

■ 64.4947, 51.2355,
60.6536

■ 15.6271, 26.9244,
18.5572

■ 65.1341, 51.4912,
64.0207

Harmonies

Analogous

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



30.8219, 34.1703, 33.6542



30.4227, 34.1703, 36.4446



30.5642, 34.1703, 39.5988

Triad

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



30.4227, 34.1703, 36.4446



33.3031, 34.1703, 43.0823



33.7765, 34.1703, 32.5857

Complementary

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



30.4227, 34.1703, 36.4446



30.3798, 29.8308, 33.0125

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.



34.4697, 34.1703, 34.9109



30.4227, 34.1703, 36.4446



34.1921, 34.1703, 40.9986

Square

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



30.4227, 34.1703, 36.4446



32.2110, 34.1703, 43.5500



34.6235, 34.1703, 37.9772



32.7461, 34.1703, 31.5094

Rectangle

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



30.4227, 34.1703, 36.4446



30.9476, 34.1703, 41.4740



34.6235, 34.1703, 37.9772



34.0577, 34.1703, 33.2407

Sweetspot

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



30.4237, 34.1717, 36.4454



60.2906, 64.5640, 69.9525



30.5885, 34.3684, 31.4076



13.4250, 14.4427, 15.6265



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.



30.4237, 34.1717, 36.4454



53.9729, 61.4061, 65.1809



30.4741, 33.4389, 39.0324



7.1752, 7.9709, 8.5345



12.3313, 21.2189, 14.7273



0.2796, 0.4541, 0.4175

Inverse Universe

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



30.3798, 29.8308, 33.0125



53.8795, 52.1465, 57.8588



30.3226, 30.4702, 30.6692



7.1667, 7.1231, 7.8640



12.2819, 6.2688, 3.4094



0.2793, 0.1402, 0.1833

Previews

White Background



This preview shows how the XYZ color 30.4227, 34.1703, 36.4446 looks on a white background.

Color Contrast Check

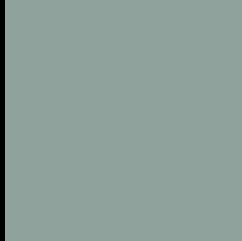
Large Text (above 18pt) WCAG AA × Fail

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 30.4227, 34.1703, 36.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

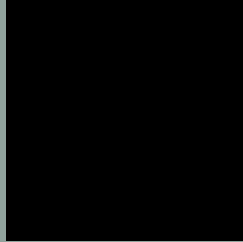
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4227, 34.1703, 36.4446

Background



This preview shows how black text looks on a background with the XYZ color 30.4227, 34.1703, 36.4446.



This preview shows how white text looks on a background with the XYZ color 30.4227, 34.1703,

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

30.4227, 34.1703, 36.4446

Protanopia

32.7070, 34.0952, 34.9942

Deuteranopia

34.7964, 34.1353, 37.1026



Tritanopia

32.0498, 34.3232, 43.9656

Trichromacy



Original Color

30.4227, 34.1703, 36.4446

Protanomaly

31.7484, 34.0979, 35.4801

Deuteranomaly

32.8746, 33.8926, 36.7075

Tritanomaly

31.4819, 34.3539, 41.0481

Monochromacy



Original Color

30.4227, 34.1703, 36.4446

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1765, 33.5294, 36.2811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4227, 34.1703, 36.4446 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(144, 162, 156) looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 156)  
}
```

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(144, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.4227, 34.1703, 36.4446 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(144, 162, 156) }
```


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

```
.border{ border-color:rgb(144, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4227, 34.1703, 36.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 156) }
```

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

```
.background{ background-color: rgb(144,  
162, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor