

Converting Colors

XYZ(33.3604, 34.5645, 34.3472)

Have a look what the booklet for
XYZ(33.3604, 34.5645, 34.3472)
contains.

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Color

**XYZ(33.1599, 34.3476,
34.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	A59D97
RGB	165, 157, 151
RGB Percent	65%, 62%, 59%
CMY	0.3529, 0.3843, 0.4078
CMYK	0.00, 0.05, 0.08, 0.35
HSL	26°, 7%, 62%
HSV	26°, 8%, 65%
XYZ	33.1599, 34.3476, 34.1602
YIQ	158.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

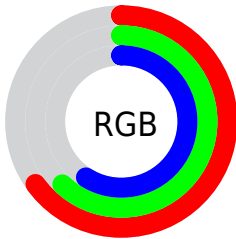
Format	Color
RYB	165, 162, 151
Decimal	10853783
CIELab	65.24, 1.83, 4.17
CIELCh	65, 4.548, 66.324
Yxy	34.3476, 0.3262, 0.3378
Android (android.graphics.Color)	4289043863 (0xFFA59D97)
YUV	158.7080, -3.8000, 5.5181
Hunter-Lab	58.6068, -1.5662, 6.4664

Details

The XYZ color **33.1599, 34.3476, 34.1602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9521, 34.0916, 40.4939**, and the grayscale version is **32.8367, 34.5468, 37.6215**.

A 20% lighter version of the original color is **64.0781, 66.7104, 67.2567**, and **14.2643, 14.7389, 14.1497** is the 20% darker color. If you saturate the color by 10%, you get **30.3793, 30.7826, 27.0784**, and if you desaturate by 10%, it is **36.2530, 38.2367, 42.2723**.

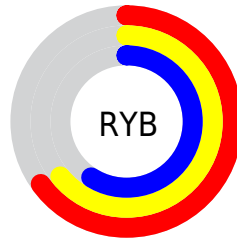
Distribution



Red (65%)

Green (62%)

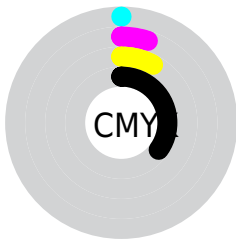
Blue (59%)



Red (65%)

Yellow (64%)

Blue (59%)

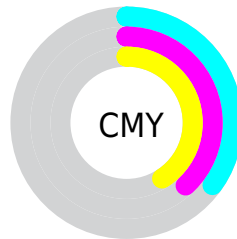


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1599, 34.3476, 34.1602 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 33.1599, 34.3476, 34.1602 by changing the saturation by 10% instead.

■ 33.1599, 34.3476,
34.1602

■ 33.1599, 34.3476,
34.1602

308.0219,
321.6792, 335.6367

■ 22.4088, 23.1608,
22.7383

■ 63.9781, 66.4739,
67.3195

■ 14.2759, 14.7123,
14.1969

■ 84.7759, 88.1821,
89.8939

■ 8.3958, 8.6177,
8.1175

109.6533,
114.1662, 117.0230

■ 4.4031, 4.4927,
4.0813

138.9757,
144.8106, 149.1253

■ 1.9326, 1.9528,
1.6701

173.1084,
180.4997, 186.6192

■ 0.5957, 0.5798,
0.3401

212.4167,

■ 0.0000, 0.0000,

221.6179, 229.9234

0.0000

257.2661,
268.5496, 279.4564

■ 33.1599, 34.3476,
34.1602

■ 33.1599, 34.3476,
34.1602

■ 30.3793, 30.7826,
27.0784

■ 36.2530, 38.2367,
42.2723

■ 27.8978, 27.5286,
20.9830

■ 39.6658, 42.4536,
51.4519

■ 25.7054, 24.5780,
15.8302

■ 43.4087, 47.0079,
61.7369

■ 23.7900, 21.9214,
11.5719

■ 47.4907, 51.9070,
73.1627

■ 22.1388, 19.5486,
8.1557

■ 51.9206, 57.1585,
85.7632

■ 20.7378, 17.4490,
5.5239

■ 56.7067, 62.7695,
99.5708

■ 19.5716, 15.6108,
3.6110

■ 59.9494, 67.9838,
104.5703

■ 18.6222, 14.0214,
2.3410

■ 62.5378, 73.1606,
105.4331

■ 17.8598, 12.6627,
1.5746

■ 65.2686, 78.6223,
106.3433

Harmonies

Analogous

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



33.6821, 34.3476, 35.2818



33.1599, 34.3476, 34.1602



32.5064, 34.3476, 33.8931

Triad

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



33.1599, 34.3476, 34.1602



31.3982, 34.3476, 37.8014



33.4057, 34.3476, 40.4116

Complementary

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



33.1599, 34.3476, 34.1602



31.9521, 34.0916, 40.4939

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.



32.7867, 34.3476, 41.1381



33.1599, 34.3476, 34.1602



31.6321, 34.3476, 39.5986

Square

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



33.1599, 34.3476, 34.1602



31.4951, 34.3476, 35.9546



32.1382, 34.3476, 40.8357



33.8254, 34.3476, 38.8809

Rectangle

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



33.1599, 34.3476, 34.1602



32.0855, 34.3476, 34.2272



32.1382, 34.3476, 40.8357



33.2138, 34.3476, 40.7603

Sweetspot

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



33.1609, 34.3491, 34.1609



62.3249, 65.2242, 68.8335



32.8566, 32.6420, 37.4460



13.5307, 14.1402, 14.7998



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.



33.1609, 34.3491, 34.1609



58.5033, 60.3911, 58.8967



34.3490, 36.7254, 34.5570



7.3118, 7.5621, 7.4543



13.4791, 9.5322, 1.1295



0.3297, 0.2933, 0.0392

Inverse Universe

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



31.9521, 34.0916, 40.4939



55.9344, 59.8438, 72.3553



30.8098, 31.8070, 40.1132



7.0205, 7.5000, 8.9807



8.2331, 8.2456, 28.0874



0.2186, 0.2645, 0.6054

Previews

White Background



This preview shows how the XYZ color 33.1599, 34.3476, 34.1602 looks on a white background.

Color Contrast Check

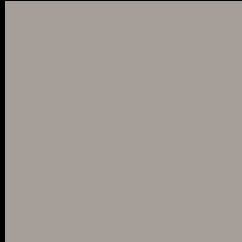
Large Text (above 18pt) WCAG AA × Fail

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 33.1599, 34.3476, 34.1602 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

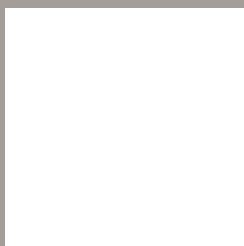
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1599, 34.3476, 34.1602

Background



This preview shows how black text looks on a background with the XYZ color 33.1599, 34.3476, 34.1602.



This preview shows how white text looks on a background with the XYZ color 33.1599, 34.3476,

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

33.1599, 34.3476, 34.1602

Protanopia

32.9170, 34.4746, 34.1975

Deuteranopia

34.9632, 34.2796, 34.4796



Tritanopia

34.6327, 34.4482, 41.3830

Trichromacy



Original Color

33.1599, 34.3476, 34.1602

Protanomaly

33.1226, 34.5806, 34.2071

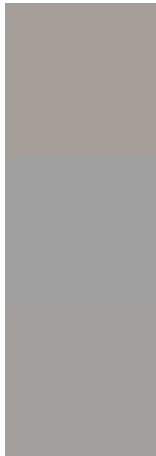
Deuteranomaly

34.2364, 34.1489, 34.4927

Tritanomaly

34.0474, 34.4571, 38.5746

Monochromacy



Original Color

33.1599, 34.3476, 34.1602

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9256, 34.4311, 36.3630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1599, 34.3476, 34.1602 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(165, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 151)  
}
```

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(165, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.1599, 34.3476, 34.1602 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(165, 157, 151) }
```


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

```
.border{ border-color:rgb(165, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1599, 34.3476, 34.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 151) }
```

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

```
.background{ background-color: rgb(165,  
157, 151) }
```

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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