

Converting Colors

XYZ(34.4694, 33.2955, 35.8345)

Have a look what the booklet for
XYZ(34.4694, 33.2955, 35.8345)
contains.

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Color

**XYZ(34.5019, 33.2932,
35.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	AF969B
RGB	175, 150, 155
RGB Percent	69%, 59%, 61%
CMY	0.3137, 0.4117, 0.3922
CMYK	0.00, 0.14, 0.11, 0.31
HSL	348°, 14%, 64%
HSV	348°, 14%, 69%
XYZ	34.5019, 33.2932, 35.6181
YIQ	158.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

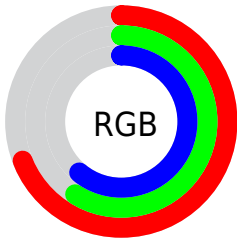
Format	Color
RYB	175, 150, 155
Decimal	11507355
CIELab	64.40, 10.13, 0.81
CIELCh	64, 10.165, 4.576
Yxy	33.2932, 0.3336, 0.3219
Android (android.graphics.Color)	4289697435 (0xFFAF969B)
YUV	158.0450, -1.5012, 14.8695
Hunter-Lab	57.7003, 5.7587, 3.7907

Details

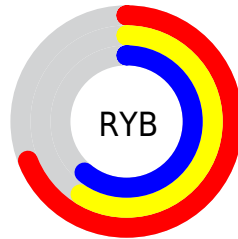
The XYZ color **34.5019, 33.2932, 35.6181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1646, 40.0470, 43.9086**, and the grayscale version is **32.5229, 34.2166, 37.2619**.

A 20% lighter version of the original color is **66.0565, 64.7781, 69.3435**, and **14.9866, 14.0607, 15.0208** is the 20% darker color. If you saturate the color by 10%, you get **30.8068, 27.6767, 28.9174**, and if you desaturate by 10%, it is **38.7523, 39.8013, 43.1775**.

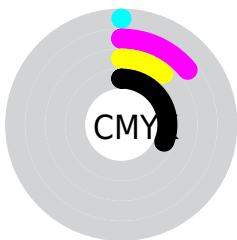
Distribution



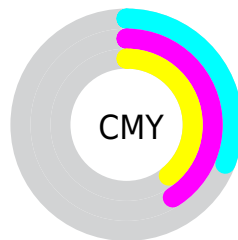
- Red (69%)
- Green (59%)
- Blue (61%)



- Red (69%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5019, 33.2932, 35.6181 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 34.5019, 33.2932, 35.6181 by changing the saturation by 10% instead.

■ 34.5019, 33.2932,
35.6181

■ 34.5019, 33.2932,
35.6181

313.9109,
316.9688, 342.2750

■ 23.4442, 22.3512,
23.8520

■ 66.0525, 64.8330,
69.6046

■ 15.0443, 14.1151,
15.0127

■ 87.2761, 86.1996,
92.6621

■ 8.9370, 8.2008,
8.6816

112.6190,
111.8098, 120.3205

■ 4.7569, 4.2237,
4.4401

142.4466,
142.0480, 152.9984

■ 2.1386, 1.7995,
1.8698

177.1243,
177.2986, 191.1142

■ 0.7101, 0.4868,
0.4734

217.0173,

■ 0.0000, 0.0000,

217.9460, 235.0866

0.0000

262.4911,
264.3746, 285.3340

■ 34.5019, 33.2932,
35.6181

■ 34.5019, 33.2932,
35.6181

■ 30.8068, 27.6767,
28.9174

■ 38.7523, 39.8013,
43.1775

■ 27.6411, 22.9087,
23.0427

■ 43.5769, 47.2329,
51.6224

■ 24.9811, 18.9490,
17.9623

■ 48.9972, 55.6237,
60.9812

■ 22.8001, 15.7527,
13.6417

■ 55.0326, 65.0064,
71.2804

■ 21.0689, 13.2701,
10.0436

■ 61.7018, 75.4118,
82.5453

■ 19.7549, 11.4459,
7.1276

■ 69.0211, 86.8667,
94.7998

■ 18.8211, 10.2165,
4.8493

■ 71.1711, 87.7268,
106.1219

■ 18.2237, 9.5055,
3.1584

■ 71.4893, 87.8540,
107.7974

■ 17.9824, 9.2353,
2.4235

Harmonies

Analogous

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



34.2264, 33.2932, 39.7833



34.5019, 33.2932, 35.6181



33.9928, 33.2932, 31.9106

Triad

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



34.5019, 33.2932, 35.6181



30.0901, 33.2932, 30.0727



30.4637, 33.2932, 43.9409

Complementary

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



34.5019, 33.2932, 35.6181



35.1646, 40.0470, 43.9086

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.



29.4063, 33.2932, 40.9674



34.5019, 33.2932, 35.6181



29.1953, 33.2932, 32.9335

Square

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



34.5019, 33.2932, 35.6181



31.4225, 33.2932, 28.8680



28.9488, 33.2932, 36.8906



31.8669, 33.2932, 44.7955

Rectangle

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



34.5019, 33.2932, 35.6181



33.2858, 33.2932, 30.1325



28.9488, 33.2932, 36.8906



30.0574, 33.2932, 43.1454

Sweetspot

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



34.5028, 33.2947, 35.6188



69.5778, 71.5499, 77.6362



35.2228, 33.4554, 45.1588



15.3305, 15.6971, 17.0192



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.5028, 33.2947, 35.6188



59.6978, 56.4361, 60.0197



35.3270, 35.6007, 33.8657



8.0683, 8.0406, 8.6703



12.8960, 6.6209, 1.8316



0.3773, 0.1916, 0.1488

Inverse Universe

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



34.5028, 33.2947, 35.6188



59.6978, 56.4361, 60.0197



34.2272, 37.4012, 45.9729



8.0683, 8.0406, 8.6703



12.8960, 6.6209, 1.8316



0.3773, 0.1916, 0.1488

Previews

White Background



This preview shows how the XYZ color 34.5019, 33.2932, 35.6181 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 34.5019, 33.2932, 35.6181 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 34.5019, 33.2932, 35.6181

Background



This preview shows how black text looks on a background with the XYZ color 34.5019, 33.2932, 35.6181.



This preview shows how white text looks on a background with the XYZ color 34.5019, 33.2932,

35.6181.

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

34.5019, 33.2932, 35.6181

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

33.9963, 33.2704, 35.6404



Tritanopia

35.0850, 33.2982, 38.2962

Trichromacy



Original Color

34.5019, 33.2932, 35.6181

Protanomaly

32.7869, 33.1093, 36.5610

Deuteranomaly

34.2166, 33.3840, 35.6507

Tritanomaly

34.9100, 33.2282, 37.3746

Monochromacy



Original Color

34.5019, 33.2932, 35.6181

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1170, 33.7695, 36.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5019, 33.2932, 35.6181 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(175, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(175, 150, 155)  
}
```

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(175, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.5019, 33.2932, 35.6181 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(175, 150, 155) }
```


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

```
.border{ border-color:rgb(175, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(175, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5019, 33.2932, 35.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 150, 155) }
```

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

```
.background{ background-color: rgb(175,  
150, 155) }
```

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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