

Converting Colors

XYZ(35.1694, 36.1002, 30.5606)

Have a look what the booklet for
XYZ(35.1694, 36.1002, 30.5606)
contains.

XYZ(35.1851, 35.9794, 30.6814)	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(35.1851, 35.9794,
30.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	B09F8E
RGB	176, 159, 142
RGB Percent	69%, 62%, 56%
CMY	0.3098, 0.3765, 0.4431
CMYK	0.00, 0.10, 0.19, 0.31
HSL	30°, 18%, 62%
HSV	30°, 19%, 69%
XYZ	35.1851, 35.9794, 30.6814
YIQ	162.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

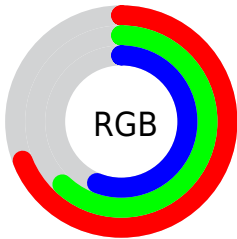
Format	Color
RYB	176, 176, 142
Decimal	11575182
CIELab	66.50, 3.39, 11.13
CIELCh	67, 11.634, 73.051
Yxy	35.9794, 0.3455, 0.3533
Android (android.graphics.Color)	4289765262 (0xFFB09F8E)
YUV	162.1450, -9.9315, 12.1508
Hunter-Lab	59.9828, -0.2643, 11.6610

Details

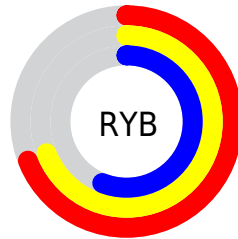
The XYZ color **35.1851, 35.9794, 30.6814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3896, 33.6807, 45.9211**, and the grayscale version is **34.4514, 36.2455, 39.4714**.

A 20% lighter version of the original color is **67.2891, 69.2345, 62.0416**, and **15.4627, 15.7088, 12.3423** is the 20% darker color. If you saturate the color by 10%, you get **32.5074, 32.5742, 23.7762**, and if you desaturate by 10%, it is **38.1811, 39.6867, 38.7230**.

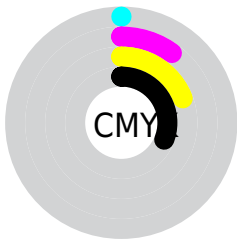
Distribution



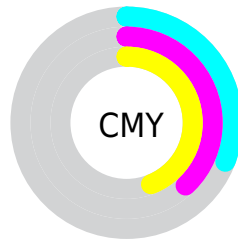
- Red (69%)
- Green (62%)
- Blue (56%)



- Red (69%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1851, 35.9794, 30.6814 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 35.1851, 35.9794, 30.6814 by changing the saturation by 10% instead.

■ 35.1851, 35.9794,
30.6814

■ 35.1851, 35.9794,
30.6814

316.8783,
328.8705, 319.3735

■ 23.9727, 24.4183,
20.0999

■ 67.1046, 69.0003,
61.8118

■ 15.4380, 15.6442,
12.2829

■ 88.5423, 91.2288,
83.1978

■ 9.2157, 9.2727,
6.8118

■ 114.1192,
117.7820, 109.0224

■ 4.9403, 4.9195,
3.2680

144.2006,
149.0441, 139.7042

■ 2.2467, 2.2001,
1.2331

179.1518,
185.3996, 175.6616

■ 0.7672, 0.7201,
0.0060

219.3383,

■ 0.0000, 0.0000,

227.2329, 217.3133

0.0000

265.1253,
274.9284, 265.0777

■ 35.1851, 35.9794,
30.6814

■ 35.1851, 35.9794,
30.6814

■ 32.5074, 32.5742,
23.7762

■ 38.1811, 39.6867,
38.7230

■ 30.1332, 29.4579,
17.9529

■ 41.5038, 43.6992,
47.9475

■ 28.0505, 26.6234,
13.1559

■ 45.1649, 48.0263,
58.4016

■ 26.2455, 24.0611,
9.3238

■ 49.1745, 52.6751,
70.1286

■ 24.7028, 21.7612,
6.3885

■ 53.5424, 57.6528,
83.1700

■ 23.4055, 19.7127,
4.2727

■ 58.2778, 62.9662,
97.5651

■ 22.3339, 17.9034,
2.8858

■ 61.7031, 67.9473,
104.4708

■ 21.4520, 16.3145,
2.0528

■ 64.0816, 72.7042,
105.2636

■ 21.3959, 16.2129,
2.0017

■ 66.5836, 77.7082,
106.0976

Harmonies

Analogous

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



36.7090, 35.9794, 32.9732



35.1851, 35.9794, 30.6814



33.4450, 35.9794, 30.5379

Triad

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



35.1851, 35.9794, 30.6814



31.0309, 35.9794, 41.3864



36.5401, 35.9794, 46.6276

Complementary

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



35.1851, 35.9794, 30.6814



31.3896, 33.6807, 45.9211

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.



34.9609, 35.9794, 49.3051



35.1851, 35.9794, 30.6814



31.8029, 35.9794, 46.1104

Square

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



35.1851, 35.9794, 30.6814



31.0863, 35.9794, 36.4397



33.2282, 35.9794, 49.1082



37.5094, 35.9794, 42.0448

Rectangle

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



35.1851, 35.9794, 30.6814



32.3993, 35.9794, 31.6584



33.2282, 35.9794, 49.1082



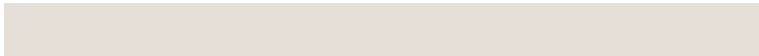
36.0607, 35.9794, 47.7971

Sweetspot

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



35.1861, 35.9810, 30.6822



71.1180, 74.2550, 75.3672



33.8358, 31.0797, 37.0169



15.3319, 15.9946, 16.1113



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.



35.1861, 35.9810, 30.6822



61.7630, 62.6688, 50.2872



38.3125, 42.2340, 31.7243



8.8357, 9.1840, 8.9595



15.7571, 12.0127, 1.4882



0.5541, 0.4947, 0.0663

Inverse Universe

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



31.3896, 33.6807, 45.9211



53.6593, 57.7587, 82.8157



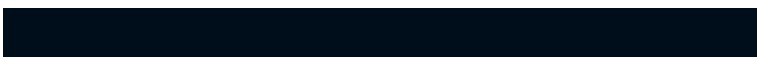
28.6652, 28.2318, 45.0129



8.3812, 8.9086, 10.7841



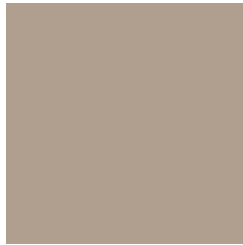
8.3676, 7.5356, 31.1505



0.3216, 0.3538, 0.9996

Previews

White Background



This preview shows how the XYZ color 35.1851, 35.9794, 30.6814 looks on a white background.

Color Contrast Check

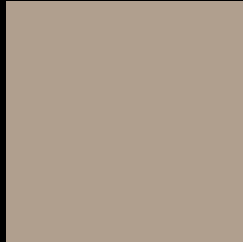
Large Text (above 18pt) WCAG AA × Fail

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 35.1851, 35.9794, 30.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

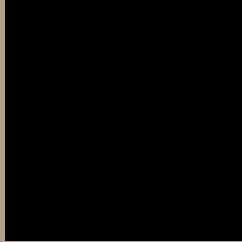
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1851, 35.9794, 30.6814

Background



This preview shows how black text looks on a background with the XYZ color 35.1851, 35.9794, 30.6814.



This preview shows how white text looks on a background with the XYZ color 35.1851, 35.9794,

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

35.1851, 35.9794, 30.6814

Protanopia

34.0650, 35.9079, 31.1221

Deuteranopia

36.6136, 35.9505, 30.9960



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

35.1851, 35.9794, 30.6814

Protanomaly

34.5420, 35.8954, 31.0946

Deuteranomaly

36.0710, 35.9209, 31.0189

Tritanomaly

36.4201, 35.7105, 37.3210

Monochromacy



Original Color

35.1851, 35.9794, 30.6814

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5976, 36.0718, 36.1494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1851, 35.9794, 30.6814 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(176, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 142)  
}
```

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(176, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 142) }
```

Border

The CSS property to change the border of an element to XYZ 35.1851, 35.9794, 30.6814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

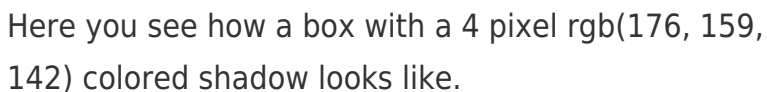
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 159, 142) }
```


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

```
.border{ border-color:rgb(176, 159, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1851, 35.9794, 30.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 142) }
```

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

```
.background{ background-color: rgb(176,  
159, 142) }
```

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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