

Converting Colors

XYZ(34.1771, 31.6702, 28.3564)

Have a look what the booklet for
XYZ(34.1771, 31.6702, 28.3564)
contains.

XYZ(34.1771, 31.6702, 28.3564)	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(34.1771, 31.6702,
28.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	B88F8A
RGB	184, 143, 138
RGB Percent	72%, 56%, 54%
CMY	0.2784, 0.4392, 0.4588
CMYK	0.00, 0.22, 0.25, 0.28
HSL	7°, 24%, 63%
HSV	7°, 25%, 72%
XYZ	34.1771, 31.6702, 28.3564
YIQ	154.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

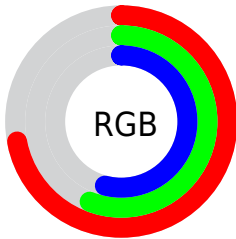
Format	Color
RYB	184, 144, 138
Decimal	12095370
CIELab	63.07, 14.74, 8.61
CIELCh	63, 17.064, 30.287
Yxy	31.6702, 0.3628, 0.3362
Android (android.graphics.Color)	4290285450 (0xFFB88F8A)
YUV	154.6890, -8.2277, 25.7057
Hunter-Lab	56.2763, 9.9212, 9.5185

Details

The XYZ color **34.1771, 31.6702, 28.3564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2528, 41.1032, 51.4234**, and the grayscale version is **31.0461, 32.6629, 35.5699**.

A 20% lighter version of the original color is **65.6459, 62.3949, 57.8737**, and **14.8817, 13.2791, 11.0113** is the 20% darker color. If you saturate the color by 10%, you get **30.6718, 26.6139, 21.1630**, and if you desaturate by 10%, it is **38.2697, 37.5395, 36.8597**.

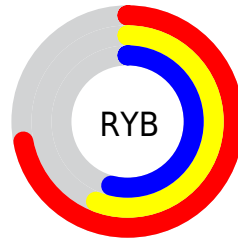
Distribution



Red (72%)

Green (56%)

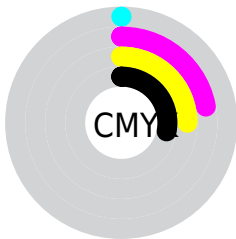
Blue (54%)



Red (72%)

Yellow (56%)

Blue (54%)

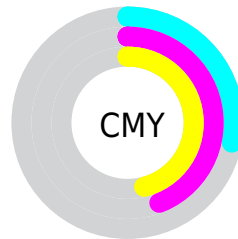


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1771, 31.6702, 28.3564 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 34.1771, 31.6702, 28.3564 by changing the saturation by 10% instead.

 34.1771, 31.6702,
28.3564


 34.1771, 31.6702,
28.3564


312.4930,
309.6142, 308.1314


 23.1932, 21.1097,
18.3531

 65.5514, 62.2937,
58.0829

 14.8577, 13.2042,
11.0317


 86.6726, 83.1255,
78.6432

 8.8053, 7.5693,
5.9738


 111.9036,
108.1499, 103.5595

 4.6705, 3.8206,
2.7606

141.6097,
137.7513, 133.2505

 2.0880, 1.5737,
0.9737

176.1564,
172.3140, 168.1346

 0.6827, 0.3398,
0.0000

215.9089,

 0.0000, 0.0000,

212.2224, 208.6305

0.0000

261.2327,
257.8610, 255.1565

■ 34.1771, 31.6702,
28.3564

■ 34.1771, 31.6702,
28.3564

■ 30.6718, 26.6139,
21.1630

■ 38.2697, 37.5395,
36.8597

■ 27.7244, 22.3305,
15.2126

■ 42.9722, 44.2508,
46.7315

■ 25.3066, 18.7832,
10.4351

■ 48.3091, 51.8371,
58.0293

■ 23.3868, 15.9304,
6.7528

■ 54.3030, 60.3283,
70.8065

■ 21.9298, 13.7263,
4.0785

■ 60.9751, 69.7530,
85.1139

■ 20.8958, 12.1197,
2.3117

■ 68.3458, 80.1384,
100.9999

■ 20.2380, 11.0512,
1.3306

■ 73.5773, 88.9304,
107.8951

■ 20.0177, 10.6912,
1.0086

Harmonies

Analogous

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



34.8531, 31.6702, 34.4186



34.1771, 31.6702, 28.3564



32.3987, 31.6702, 24.4153

Triad

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



34.1771, 31.6702, 28.3564



26.3429, 31.6702, 28.4552



30.1242, 31.6702, 49.1208

Complementary

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



34.1771, 31.6702, 28.3564



35.2528, 41.1032, 51.4234

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.



27.9157, 31.6702, 46.9969



34.1771, 31.6702, 28.3564



25.8028, 31.6702, 34.5484

Square

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



34.1771, 31.6702, 28.3564



27.8784, 31.6702, 24.4669



26.3637, 31.6702, 41.4351



32.4400, 31.6702, 46.9172

Rectangle

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



34.1771, 31.6702, 28.3564



30.8708, 31.6702, 23.2300



26.3637, 31.6702, 41.4351



29.3452, 31.6702, 48.8864

Sweetspot

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



34.1780, 31.6717, 28.3570



75.9986, 77.5094, 80.7115



37.0332, 31.6386, 47.0156



16.2715, 16.5494, 17.1635



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1780, 31.6717, 28.3570



58.3310, 52.1906, 43.9427



37.9186, 39.1530, 29.6039



9.0812, 9.1653, 9.3973



13.8226, 7.4215, 0.7040



0.5134, 0.3138, 0.0335

Inverse Universe

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



35.2528, 41.1032, 51.4234



60.6098, 72.2201, 92.9500



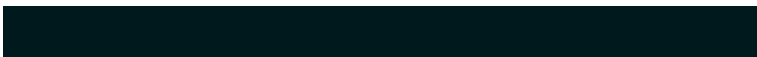
31.0891, 32.7758, 50.0355



9.1810, 10.0393, 11.5333



15.1420, 20.7437, 34.4589



0.5578, 0.7793, 1.2228

Previews

White Background



This preview shows how the XYZ color 34.1771, 31.6702, 28.3564 looks on a white background.

Color Contrast Check

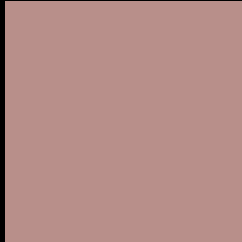
Large Text (above 18pt) WCAG AA × Fail

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 34.1771, 31.6702, 28.3564 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 34.1771, 31.6702, 28.3564

Background



This preview shows how black text looks on a background with the XYZ color 34.1771, 31.6702, 28.3564.



This preview shows how white text looks on a background with the XYZ color 34.1771, 31.6702,

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

34.1771, 31.6702, 28.3564

Protanopia

30.2867, 31.7087, 30.5107

Deuteranopia

32.1827, 31.5578, 28.0620



Tritanopia

35.4421, 31.7559, 33.9673

Trichromacy



Original Color

34.1771, 31.6702, 28.3564

Protanomaly

31.4915, 31.6335, 29.6454

Deuteranomaly

32.9257, 31.7110, 28.0524

Tritanomaly

34.9470, 31.7669, 31.8935

Monochromacy



Original Color

34.1771, 31.6702, 28.3564

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2173, 32.4101, 32.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1771, 31.6702, 28.3564 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(184, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 138)  
}
```

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(184, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.1771, 31.6702, 28.3564 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(184, 143, 138) }
```


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

```
.border{ border-color:rgb(184, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 143, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 143, 138); box-shadow:4px 4px 4px 4px rgb(184, 143, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1771, 31.6702, 28.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 138) }
```

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

```
.background{ background-color: rgb(184,  
143, 138) }
```

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