

Converting Colors

XYZ(34.9777, 34.7373, 29.8281)

Have a look what the booklet for
XYZ(34.9777, 34.7373, 29.8281)
contains.

XYZ(34.8796, 34.5884, 29.6488)	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(34.8796, 34.5884,
29.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	B39A8C
RGB	179, 154, 140
RGB Percent	70%, 60%, 55%
CMY	0.2980, 0.3961, 0.4510
CMYK	0.00, 0.14, 0.22, 0.30
HSL	22°, 20%, 63%
HSV	22°, 22%, 70%
XYZ	34.8796, 34.5884, 29.6488
YIQ	159.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

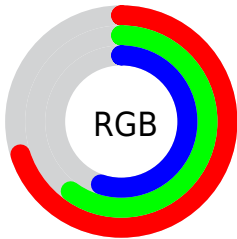
Format	Color
RYB	179, 162, 140
Decimal	11770508
CIELab	65.43, 6.99, 10.76
CIElCh	65, 12.832, 56.979
Yxy	34.5884, 0.3519, 0.3490
Android (android.graphics.Color)	4289960588 (0xFFB39A8C)
YUV	159.8790, -9.8003, 16.7691
Hunter-Lab	58.8119, 2.9422, 11.2785

Details

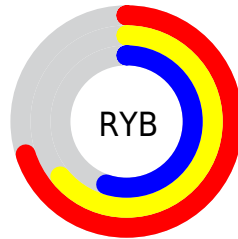
The XYZ color **34.8796, 34.5884, 29.6488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4066, 35.7393, 47.8382**, and the grayscale version is **33.3961, 35.1353, 38.2623**.

A 20% lighter version of the original color is **66.5544, 66.6690, 60.3995**, and **15.2999, 14.8743, 11.7375** is the 20% darker color. If you saturate the color by 10%, you get **31.8619, 30.4961, 22.6523**, and if you desaturate by 10%, it is **38.2949, 39.1317, 37.8380**.

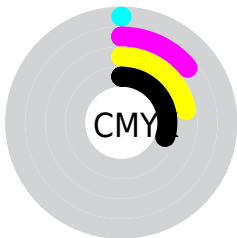
Distribution



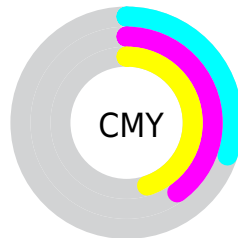
- Red (70%)
- Green (60%)
- Blue (55%)



- Red (70%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (30%)





- Cyan (30%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8796, 34.5884, 29.6488 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 34.8796, 34.5884, 29.6488 by changing the saturation by 10% instead.

 34.8796, 34.5884,
29.6488


 34.8796, 34.5884,
29.6488


315.5539,
322.7478, 314.4202


 23.7362, 23.3460,
19.3224


 66.6345, 66.8476,
60.1608

 15.2617, 14.8492,
11.7243


 87.9767, 88.6333,
81.1834

 9.0908, 8.7136,
6.4360

 113.4492,
114.7021, 106.6085

 4.8580, 4.5549,
3.0389

143.4173,
145.4385, 136.8546

 2.1981, 1.9885,
1.1145

178.2466,
181.2268, 172.3403

 0.7417, 0.6008,
0.0000

218.3021,

 0.0000, 0.0000,

222.4516, 213.4841

0.0000

263.9495,
269.4971, 260.7045

■ 34.8796, 34.5884,
29.6488

■ 34.8796, 34.5884,
29.6488

■ 31.8619, 30.4961,
22.6523

■ 38.2949, 39.1317,
37.8380

■ 29.2237, 26.8359,
16.7899

■ 42.1195, 44.1349,
47.2702

■ 26.9492, 23.5943,
12.0016

■ 46.3681, 49.6125,
57.9955

■ 25.0208, 20.7553,
8.2207

■ 51.0538, 55.5770,
70.0605

■ 23.4187, 18.3017,
5.3729

■ 56.1891, 62.0403,
83.5097

■ 22.1212, 16.2150,
3.3736

■ 61.7859, 69.0139,
98.3852

■ 21.1031, 14.4745,
2.1225

■ 66.1524, 75.8276,
105.7573

■ 20.4393, 13.2815,
1.4863

■ 69.5309, 82.5847,
106.8835

■ 72.4004, 88.3237,
107.8400

Harmonies

Analogous

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



36.1945, 34.5884, 33.1675



34.8796, 34.5884, 29.6488



33.0656, 34.5884, 28.2611

Triad

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



34.8796, 34.5884, 29.6488



29.4043, 34.5884, 37.1193



34.5384, 34.5884, 47.6338

Complementary

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



34.8796, 34.5884, 29.6488



32.4066, 35.7393, 47.8382

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.



32.6856, 34.5884, 48.9432



34.8796, 34.5884, 29.6488



29.7654, 34.5884, 42.5428

Square

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



34.8796, 34.5884, 29.6488



29.9436, 34.5884, 32.3090



30.9492, 34.5884, 47.0001



35.9922, 34.5884, 43.5733

Rectangle

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



34.8796, 34.5884, 29.6488



31.8334, 34.5884, 28.6225



30.9492, 34.5884, 47.0001



33.9395, 34.5884, 48.4261

Sweetspot

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



34.8805, 34.5900, 29.6495



71.6901, 74.1631, 75.3711



34.7922, 31.0696, 39.9281



15.7944, 16.3149, 16.4806



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.8805, 34.5900, 29.6495



59.8685, 58.4405, 47.0121



38.2966, 41.4220, 30.7882



8.7378, 8.9881, 8.9269



14.5001, 9.4988, 1.0692



0.5127, 0.4119, 0.0525

Inverse Universe

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



32.4066, 35.7393, 47.8382



54.6658, 60.8517, 85.2455



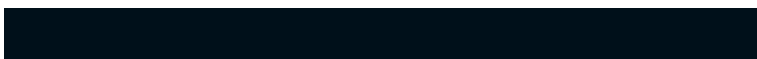
29.2080, 29.3421, 46.7721



8.4809, 9.1079, 10.8173



10.1232, 11.0468, 31.7357



0.3713, 0.4532, 1.0161

Previews

White Background



This preview shows how the XYZ color 34.8796, 34.5884, 29.6488 looks on a white background.

Color Contrast Check

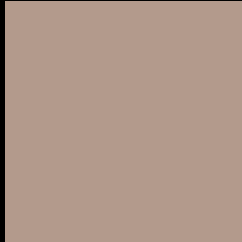
Large Text (above 18pt) WCAG AA × Fail

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 34.8796, 34.5884, 29.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

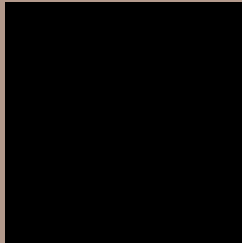
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8796, 34.5884, 29.6488

Background



This preview shows how black text looks on a background with the XYZ color 34.8796, 34.5884, 29.6488.



This preview shows how white text looks on a background with the XYZ color 34.8796, 34.5884,

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

34.8796, 34.5884, 29.6488

Protanopia

32.8352, 34.5137, 30.5224

Deuteranopia

35.1809, 34.4997, 29.6158



Tritanopia

36.8796, 34.6869, 38.9339

Trichromacy



Original Color

34.8796, 34.5884, 29.6488

Protanomaly

33.6593, 34.6950, 30.1221

Deuteranomaly

34.9472, 34.3792, 29.6049

Tritanomaly

36.1170, 34.6133, 35.3493

Monochromacy



Original Color

34.8796, 34.5884, 29.6488

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9130, 34.9691, 35.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8796, 34.5884, 29.6488 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(179, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 140)  
}
```

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(179, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.8796, 34.5884, 29.6488 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(179, 154, 140) }
```


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

```
.border{ border-color:rgb(179, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8796, 34.5884, 29.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 140) }
```

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

```
.background{ background-color: rgb(179,  
154, 140) }
```

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