

Converting Colors

XYZ(34.2296, 29.2934, 19.8044)

Have a look what the booklet for
XYZ(34.2296, 29.2934, 19.8044)
contains.

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Color

**XYZ(34.1795, 29.3178,
19.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	C58372
RGB	197, 131, 114
RGB Percent	77%, 51%, 45%
CMY	0.2275, 0.4863, 0.5529
CMYK	0.00, 0.33, 0.42, 0.23
HSL	12°, 42%, 61%
HSV	12°, 42%, 77%
XYZ	34.1795, 29.3178, 19.7770
YIQ	148.7960, 44.7930, 8.7050

Conversions

Conversions Part 2

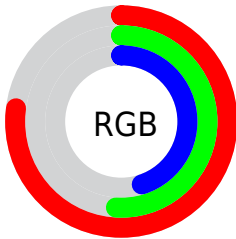
Format	Color
R _Y B	197, 135, 114
Decimal	12944242
CIE Lab	61.06, 23.40, 19.60
CIE LCh	61, 30.523, 39.948
Yxy	29.3178, 0.4104, 0.3521
Android (android.graphics.Color)	4291134322 (0xFFC58372)
YUV	148.7960, -17.1544, 42.2749
Hunter-Lab	54.1459, 17.9224, 16.2462

Details

The XYZ color **34.1795, 29.3178, 19.7770** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3380, 40.2494, 58.8351**, and the grayscale version is **28.5386, 30.0248, 32.6970**.

A 20% lighter version of the original color is **65.2634, 58.2942, 43.8885**, and **14.9103, 11.9409, 6.6732** is the 20% darker color. If you saturate the color by 10%, you get **31.2296, 25.0233, 13.8446**, and if you desaturate by 10%, it is **37.6905, 34.3479, 27.0884**.

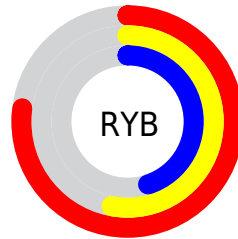
Distribution



Red (77%)

Green (51%)

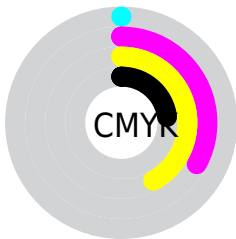
Blue (45%)



Red (77%)

Yellow (53%)

Blue (45%)

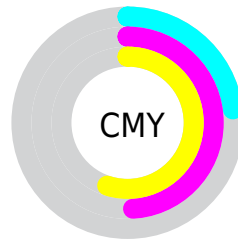


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1795, 29.3178, 19.7770 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 34.1795, 29.3178, 19.7770 by changing the saturation by 10% instead.


 34.1795, 29.3178,
19.7770


 34.1795, 29.3178,
19.7770


312.5035,
298.7115, 263.2695


 23.1951, 19.3214,
12.0506


 65.5551, 58.5816,
43.8970


 14.8591, 11.9027,
6.6552


 86.6771, 78.6178,
61.1277

 8.8062, 6.6775,
3.1722


 111.9089,
102.7694, 82.3636

 4.6711, 3.2612,
1.1832

 141.6159,
131.4207, 108.0232

 2.0884, 1.2696,
0.0000

176.1636,
164.9562, 138.5250

 0.6829, 0.1175,
0.0000

215.9171,

 0.0000, 0.0000,

203.7602, 174.2877

0.0000

261.2420,
248.2172, 215.7297

■ 34.1795, 29.3178,
19.7770

■ 34.1795, 29.3178,
19.7770

■ 31.2296, 25.0233,
13.8446

■ 37.6905, 34.3479,
27.0884

■ 28.8086, 21.4254,
9.2024

■ 41.7880, 40.1417,
35.8566

■ 26.8845, 18.4879,
5.7536


■ 46.4984, 46.7310,
46.1557


■ 25.4206, 16.1695,
3.3870

■ 51.8458, 54.1446,
58.0541


■ 24.3746, 14.4238,
1.9703

■ 57.8532, 62.4098,
71.6163

 23.7969, 13.4123,
1.3346

 64.5423, 71.5525,
86.9029

 71.9336, 81.5977,
103.9718

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



36.1377, 29.3178, 28.2702



34.1795, 29.3178, 19.7770



30.5835, 29.3178, 15.3944

Triad

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



34.1795, 29.3178, 19.7770



21.2544, 29.3178, 24.9573



29.2140, 29.3178, 58.8651

Complementary

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



34.1795, 29.3178, 19.7770



33.3380, 40.2494, 58.8351

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.



25.3139, 29.3178, 57.3699



34.1795, 29.3178, 19.7770



20.9634, 29.3178, 35.8757

Square

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



34.1795, 29.3178, 19.7770



23.2185, 29.3178, 17.8520



22.3816, 29.3178, 48.2348



33.0950, 29.3178, 51.9331

Rectangle

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



34.1795, 29.3178, 19.7770



27.8726, 29.3178, 14.5887



22.3816, 29.3178, 48.2348



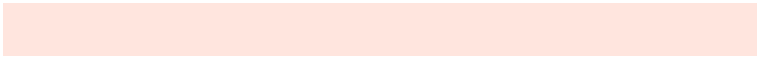
27.8587, 29.3178, 59.3639

Sweetspot

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



34.1802, 29.3192, 19.7776



82.3249, 82.3663, 80.5612



37.3224, 27.2168, 46.6803



17.2011, 17.0441, 16.3208



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.1802, 29.3192, 19.7776



56.1009, 45.0642, 25.1267



40.8348, 42.6284, 21.9958



10.8070, 10.9831, 11.1131



15.7013, 8.9197, 0.8941



0.7965, 0.5285, 0.0600

Inverse Universe

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



33.3380, 40.2494, 58.8351



54.3417, 67.2592, 104.7260



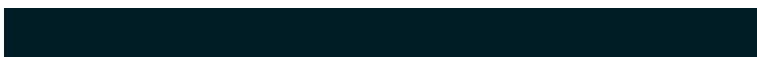
26.2358, 26.0452, 56.4677



10.7551, 11.6842, 13.6059



14.5802, 18.5543, 37.5572



0.7383, 0.9745, 1.7943

Previews

White Background



This preview shows how the XYZ color 34.1795, 29.3178, 19.7770 looks on a white background.

Color Contrast Check

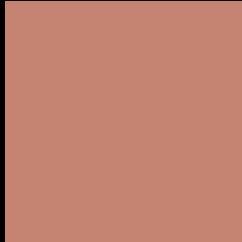
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1795, 29.3178, 19.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

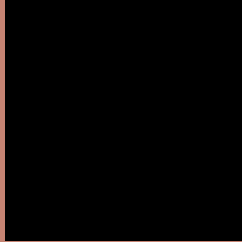
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1795, 29.3178, 19.7770

Background



This preview shows how black text looks on a background with the XYZ color 34.1795, 29.3178, 19.7770.



This preview shows how white text looks on a background with the XYZ color 34.1795, 29.3178,

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

34.1795, 29.3178, 19.7770

Protanopia

27.6569, 29.3405, 22.6180

Deuteranopia

30.0532, 29.5145, 19.4421



Tritanopia

35.7877, 29.3866, 27.4529

Trichromacy



Original Color

34.1795, 29.3178, 19.7770

Protanomaly

29.6492, 29.0396, 21.4953

Deuteranomaly

31.3605, 29.3143, 19.6281

Tritanomaly

35.1014, 29.2913, 24.5726

Monochromacy



Original Color

34.1795, 29.3178, 19.7770

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.8428, 29.2306, 27.3617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1795, 29.3178, 19.7770 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(197, 131, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 131, 114)  
}
```

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(197, 131, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 131, 114) }
```

Border

The CSS property to change the border of an element to XYZ 34.1795, 29.3178, 19.7770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

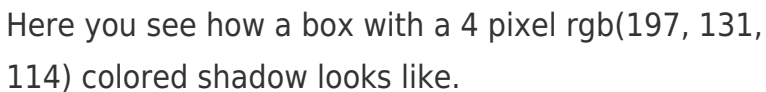
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 131, 114) }
```


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

```
.border{ border-color:rgb(197, 131, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 131, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 131, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 131, 114); box-shadow:4px 4px 4px 4px rgb(197, 131, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1795, 29.3178, 19.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 131, 114) }
```

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

```
.background{ background-color: rgb(197,  
131, 114) }
```

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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