

Converting Colors

XYZ(34.1854, 29.5463, 17.4353)

Have a look what the booklet for
XYZ(34.1854, 29.5463, 17.4353)
contains.

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Color

**XYZ(34.1415, 29.5489,
17.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	C6846A
RGB	198, 132, 106
RGB Percent	78%, 52%, 42%
CMY	0.2235, 0.4823, 0.5843
CMYK	0.00, 0.33, 0.46, 0.22
HSL	17°, 45%, 60%
HSV	17°, 46%, 78%
XYZ	34.1415, 29.5489, 17.5397
YIQ	148.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

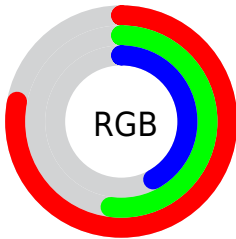
Format	Color
R_{YB}	198, 142, 106
Decimal	13010026
CIE _{Lab}	61.26, 22.40, 24.39
CIE _{LCh}	61, 33.114, 47.439
Yxy	29.5489, 0.4203, 0.3638
Android (android.graphics.Color)	4291200106 (0xFFC6846A)
YUV	148.7700, -21.0856, 43.1747
Hunter-Lab	54.3589, 16.9834, 18.9204

Details

The XYZ color **34.1415, 29.5489, 17.5397** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.8887, 36.6449, 58.8712**, and the grayscale version is **28.5428, 30.0293, 32.7019**.

A 20% lighter version of the original color is **64.7605, 58.4265, 40.2120**, and **14.7655, 12.0028, 5.5415** is the 20% darker color. If you saturate the color by 10%, you get **31.4316, 25.5912, 12.1296**, and if you desaturate by 10%, it is **37.3528, 34.1291, 24.2903**.

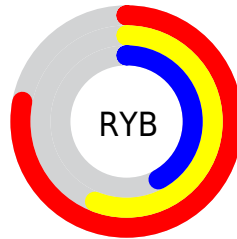
Distribution



Red (78%)

Green (52%)

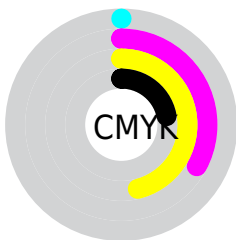
Blue (42%)



Red (78%)

Yellow (56%)

Blue (42%)

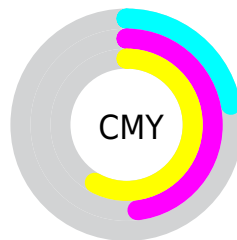


Cyan (0%)

Magenta (33%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1415, 29.5489, 17.5397 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 34.1415, 29.5489, 17.5397 by changing the saturation by 10% instead.


 34.1415, 29.5489,
17.5397


 34.1415, 29.5489,
17.5397


312.3374,
299.7961, 250.4120


 23.1657, 19.4964,
10.4540


 65.4965, 58.9481,
40.0547


 14.8373, 12.0295,
5.5915


 86.6064, 79.0635,
56.3211

 8.7908, 6.7638,
2.5336


 111.8251,
103.3022, 76.4848

 4.6610, 3.3148,
0.8579

 141.5179,
132.0483, 100.9644

 2.0825, 1.2982,
0.0000

176.0502,
165.6864, 130.1783

 0.6797, 0.1398,
0.0000

215.7873,

 0.0000, 0.0000,

204.6008, 164.5452

0.0000

261.0945,
249.1759, 204.4836

■ 34.1415, 29.5489,
17.5397

■ 34.1415, 29.5489,
17.5397

■ 31.4316, 25.5912,
12.1296

■ 37.3528, 34.1291,
24.2903

■ 29.1939, 22.2239,
7.9674

■ 41.0884, 39.3534,
32.4621

■ 27.3991, 19.4185,
4.9514


■ 45.3720, 45.2474,
42.1313


■ 26.0133, 17.1422,
2.9626


■ 50.2255, 51.8343,
53.3682


■ 24.9952, 15.3574,
1.8479


■ 55.6694, 59.1359,
66.2386

 24.7012, 14.8308,
1.5607

 61.7232, 67.1732,
80.8045

 68.4053, 75.9662,
97.1248

 74.1827, 84.9138,
107.0879

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



36.8602, 29.5489, 25.5058



34.1415, 29.5489, 17.5397



29.9471, 29.5489, 13.9775

Triad

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



34.1415, 29.5489, 17.5397



20.6761, 29.5489, 27.2326



30.6715, 29.5489, 60.9218

Complementary

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



34.1415, 29.5489, 17.5397



30.8887, 36.6449, 58.8712

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.



26.3024, 29.5489, 61.7341



34.1415, 29.5489, 17.5397



20.8269, 29.5489, 39.9130

Square

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



34.1415, 29.5489, 17.5397



22.3556, 29.5489, 18.5209



22.7914, 29.5489, 53.2790



34.7189, 29.5489, 51.2837

Rectangle

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



34.1415, 29.5489, 17.5397



27.0146, 29.5489, 13.7649



22.7914, 29.5489, 53.2790



29.1840, 29.5489, 62.3110

Sweetspot

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



34.1422, 29.5504, 17.5403



82.1933, 82.6455, 78.8452



36.0309, 25.3493, 42.7663



17.2083, 17.1652, 15.9942



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.



34.1422, 29.5504, 17.5403



55.4957, 45.0742, 21.1629



41.5204, 44.3067, 19.9997



10.8739, 11.1170, 11.1354



16.1273, 9.7718, 1.0361



0.8267, 0.5887, 0.0701

Inverse Universe

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



30.8887, 36.6449, 58.8712



48.9655, 59.0938, 103.4332



23.7869, 22.4412, 56.5039



10.6836, 11.5412, 13.5821



12.9983, 15.3905, 37.0299



0.6747, 0.8471, 1.7731

Previews

White Background



This preview shows how the XYZ color 34.1415, 29.5489, 17.5397 looks on a white background.

Color Contrast Check

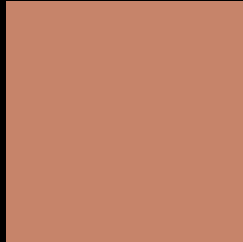
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1415, 29.5489, 17.5397 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 34.1415, 29.5489, 17.5397

Background



This preview shows how black text looks on a background with the XYZ color 34.1415, 29.5489, 17.5397.



This preview shows how white text looks on a background with the XYZ color 34.1415, 29.5489,

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

34.1415, 29.5489, 17.5397

Protanopia

27.6711, 29.6412, 19.8857

Deuteranopia

30.3032, 29.6926, 17.2308



Tritanopia

36.3219, 29.6620, 27.4779

Trichromacy



Original Color

34.1415, 29.5489, 17.5397

Protanomaly

29.7211, 29.3560, 18.8517

Deuteranomaly

31.6459, 29.5112, 17.3929

Tritanomaly

35.4356, 29.4862, 23.5624

Monochromacy



Original Color

34.1415, 29.5489, 17.5397

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9924, 29.5539, 26.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1415, 29.5489, 17.5397 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(198, 132, 106)` looks like.

```
.text, #text, p{  
    color:rgb(198, 132, 106)  
}
```

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(198, 132, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 132, 106) }
```

Border

The CSS property to change the border of an element to XYZ 34.1415, 29.5489, 17.5397 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(198, 132, 106) }
```


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

```
.border{ border-color:rgb(198, 132, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 132, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 132, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 132, 106);  
box-shadow:4px 4px 4px 4px rgb(198, 132,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1415, 29.5489, 17.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 132, 106) }
```

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

```
.background{ background-color: rgb(198,  
132, 106) }
```

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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