

Converting Colors

XYZ(34.4143, 28.5662, 15.0846)

Have a look what the booklet for
XYZ(34.4143, 28.5662, 15.0846)
contains.

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Color

**XYZ(34.5204, 28.6221,
15.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7E61
RGB	204, 126, 97
RGB Percent	80%, 49%, 38%
CMY	0.2000, 0.5059, 0.6196
CMYK	0.00, 0.38, 0.52, 0.20
HSL	16°, 51%, 59%
HSV	16°, 52%, 80%
XYZ	34.5204, 28.6221, 15.0145
YIQ	146.0160, 55.7970, 7.5170

Conversions

Conversions Part 2

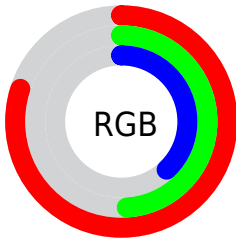
Format	Color
RYB	204, 137, 97
Decimal	13401697
CIELab	60.45, 27.23, 28.48
CIELCh	60, 39.399, 46.287
Yxy	28.6221, 0.4417, 0.3662
Android (android.graphics.Color)	4291591777 (0xFFCC7E61)
YUV	146.0160, -24.1649, 50.8520
Hunter-Lab	53.4996, 21.5520, 20.8102

Details

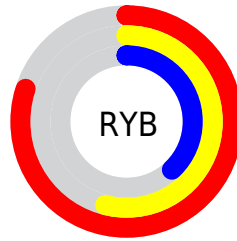
The XYZ color **34.5204, 28.6221, 15.0145** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1582, 37.5594, 62.7342**, and the grayscale version is **27.4087, 28.8361, 31.4025**.

A 20% lighter version of the original color is **62.7054, 55.6383, 35.4513**, and **15.0142, 11.5102, 4.4480** is the 20% darker color. If you saturate the color by 10%, you get **31.9265, 24.7660, 10.0452**, and if you desaturate by 10%, it is **37.6429, 33.1443, 21.3671**.

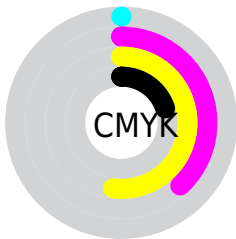
Distribution



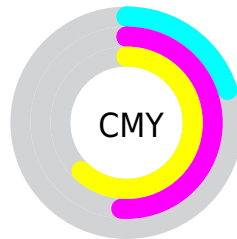
- Red (80%)
- Green (49%)
- Blue (38%)



- Red (80%)
- Yellow (54%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (20%)





- Cyan (20%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5204, 28.6221, 15.0145 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 34.5204, 28.6221, 15.0145 by changing the saturation by 10% instead.


 34.5204, 28.6221,
15.0145


 34.5204, 28.6221,
15.0145


313.9915,
295.4277, 235.0978


 23.4584, 18.7951,
8.6828


 66.0811, 57.4761,
35.6213

 15.0549, 11.5223,
4.4409


 87.3105, 77.2720,
50.7335

 8.9445, 6.4193,
1.8702


 112.6597,
101.1596, 69.6096

 4.7618, 3.1017,
0.4737

 142.4942,
129.5233, 92.6681

 2.1415, 1.1851,
0.0000

177.1793,
162.7476, 120.3277

 0.7116, 0.0494,
0.0000

217.0803,

 0.0000, 0.0000,

201.2169, 153.0068

0.0000

262.5626,
245.3154, 191.1240

■ 34.5204, 28.6221,
15.0145

■ 34.5204, 28.6221,
15.0145

■ 31.9265, 24.7660,
10.0452

■ 37.6429, 33.1443,
21.3671

■ 29.8277, 21.5390,
6.3526

■ 41.3207, 38.3583,
29.1955

■ 28.1891, 18.9072,
3.8169

■ 45.5812, 44.2939,
38.5859

■ 26.9699, 16.8310,
2.2943

■ 50.4491, 50.9776,
49.6175

■ 26.2822, 15.5981,
1.6255

■ 55.9477, 58.4347,
62.3639

■ 62.0991, 66.6893,
76.8946

■ 68.9242, 75.7643,
93.2747

■ 75.5942, 85.3421,
107.0962

■ 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



37.6872, 28.6221, 23.9657



34.5204, 28.6221, 15.0145



29.5839, 28.6221, 11.1355

Triad

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



34.5204, 28.6221, 15.0145



18.7829, 28.6221, 24.9978



30.0339, 28.6221, 66.4229

Complementary

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



34.5204, 28.6221, 15.0145



31.1582, 37.5594, 62.7342

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.



24.9561, 28.6221, 66.9624



34.5204, 28.6221, 15.0145



18.8717, 28.6221, 39.6776

Square

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



34.5204, 28.6221, 15.0145



20.7431, 28.6221, 15.5666



21.0029, 28.6221, 56.0436



34.8849, 28.6221, 54.7413

Rectangle

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



34.5204, 28.6221, 15.0145



26.1498, 28.6221, 10.8220



21.0029, 28.6221, 56.0436



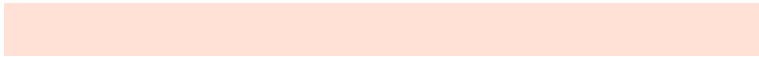
28.2871, 28.6221, 68.0145

Sweetspot

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



34.5211, 28.6235, 15.0150



80.3986, 80.1162, 74.9788



36.9605, 24.5005, 43.5794



16.8479, 16.6530, 15.2308



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.



34.5211, 28.6235, 15.0150



52.3499, 40.2219, 15.6767



43.1864, 45.9541, 17.9035



11.4556, 11.7002, 11.7340



16.6092, 9.9514, 1.0454



0.9211, 0.6419, 0.0754

Inverse Universe

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



31.1582, 37.5594, 62.7342



46.1090, 56.4320, 103.0700



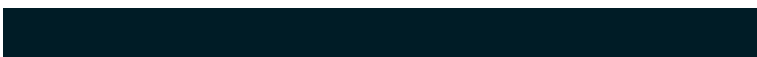
22.7846, 20.8122, 59.9430



11.2761, 12.1926, 14.3295



13.6756, 16.3751, 38.3962



0.7664, 0.9665, 2.0011

Previews

White Background



This preview shows how the XYZ color 34.5204, 28.6221, 15.0145 looks on a white background.

Color Contrast Check

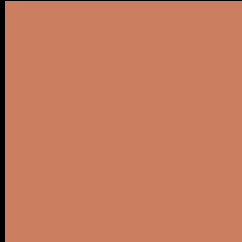
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5204, 28.6221, 15.0145 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 34.5204, 28.6221, 15.0145

Background



This preview shows how black text looks on a background with the XYZ color 34.5204, 28.6221, 15.0145.



This preview shows how white text looks on a background with the XYZ color 34.5204, 28.6221,

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

34.5204, 28.6221, 15.0145

Protanopia

26.7333, 28.7458, 17.5041

Deuteranopia

29.3030, 28.7944, 14.6031



Tritanopia

36.5988, 28.5518, 24.7012

Trichromacy



Original Color

34.5204, 28.6221, 15.0145

Protanomaly

29.0865, 28.4232, 16.5236

Deuteranomaly

30.9792, 28.5933, 14.7127

Tritanomaly

35.8066, 28.5957, 20.7719

Monochromacy



Original Color

34.5204, 28.6221, 15.0145

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0653, 28.2392, 24.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5204, 28.6221, 15.0145 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(204, 126, 97)` looks like.

```
.text, #text, p{  
    color:rgb(204, 126, 97)  
}
```

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(204, 126, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 126, 97) }
```

Border

The CSS property to change the border of an element to XYZ 34.5204, 28.6221, 15.0145 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(204, 126, 97) }
```


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

```
.border{ border-color:rgb(204, 126, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 126, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 126, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 126, 97);  
box-shadow:4px 4px 4px 4px rgb(204, 126,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5204, 28.6221, 15.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 126, 97) }
```

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

```
.background{ background-color: rgb(204,  
126, 97) }
```

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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