

Converting Colors

XYZ(35.4445, 29.8883, 16.3158)

Have a look what the booklet for
XYZ(35.4445, 29.8883, 16.3158)
contains.

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Color

**XYZ(35.5084, 29.8840,
16.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8265
RGB	205, 130, 101
RGB Percent	80%, 51%, 40%
CMY	0.1961, 0.4902, 0.6039
CMYK	0.00, 0.37, 0.51, 0.20
HSL	17°, 51%, 60%
HSV	17°, 51%, 80%
XYZ	35.5084, 29.8840, 16.2086
YIQ	149.1190, 54.0090, 6.8810

Conversions

Conversions Part 2

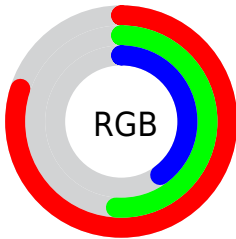
Format	Color
R_{YB}	205, 141, 101
Decimal	13468261
CIE Lab	61.55, 25.82, 27.72
CIE LCh	62, 37.884, 47.024
Yxy	29.8840, 0.4351, 0.3662
Android (android.graphics.Color)	4291658341 (0xFFCD8265)
YUV	149.1190, -23.7227, 49.0076
Hunter-Lab	54.6663, 20.2785, 20.6868

Details

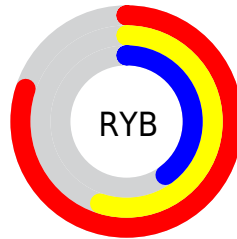
The XYZ color **35.5084, 29.8840, 16.2086** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.9107, 38.2232, 63.4532**, and the grayscale version is **28.6987, 30.1932, 32.8804**.

A 20% lighter version of the original color is **63.8410, 57.3940, 37.4191**, and **15.5671, 12.2067, 5.0257** is the 20% darker color. If you saturate the color by 10%, you get **32.7995, 25.8781, 10.9531**, and if you desaturate by 10%, it is **38.7518, 34.5581, 22.8786**.

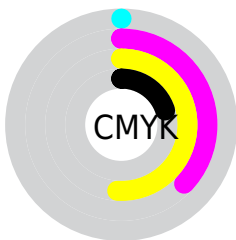
Distribution



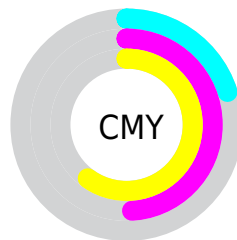
- Red (80%)
- Green (51%)
- Blue (40%)



- Red (80%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5084, 29.8840, 16.2086 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 35.5084, 29.8840, 16.2086 by changing the saturation by 10% instead.


 35.5084, 29.8840,
16.2086


 35.5084, 29.8840,
16.2086


318.2756,
301.3634, 242.4571


 24.2231, 19.7506,
9.5159


 67.6015, 59.4787,
37.7318

 15.6248, 12.2139,
4.9778


 89.1399, 79.7087,
53.3994

 9.3482, 6.8895,
2.1757


 114.8269,
104.0731, 72.8957

 5.0279, 3.3931,
0.6603

 145.0276,
132.9561, 96.6393

 2.2986, 1.3402,
0.0000

180.1075,
166.7423, 125.0487

 0.7939, 0.1720,
0.0000

220.4319,

 0.0000, 0.0000,

205.8160, 158.5424

0.0000

266.3661,
250.5615, 197.5390

■ 35.5084, 29.8840,
16.2086

■ 35.5084, 29.8840,
16.2086

■ 32.7995, 25.8781,
10.9531

■ 38.7518, 34.5581,
22.8786

■ 30.5919, 22.5044,
7.0066

■ 42.5558, 39.9252,
31.0550

■ 28.8518, 19.7300,
4.2509

■ 46.9474, 46.0145,
40.8237

■ 27.5396, 17.5167,
2.5457

■ 51.9510, 52.8519,
52.2636

■ 26.6484, 15.9225,
1.6688

■ 57.5896, 60.4620,
65.4484

■ 63.8851, 68.8684,
80.4475

■ 70.8582, 78.0935,
97.3261

■ 76.8762, 87.4980,
107.4447

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



38.6742, 29.8840, 25.0945



35.5084, 29.8840, 16.2086



30.6278, 29.8840, 12.3442

Triad

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



35.5084, 29.8840, 16.2086



19.9946, 29.8840, 26.7154



31.3260, 29.8840, 66.7938

Complementary

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



35.5084, 29.8840, 16.2086



31.9107, 38.2232, 63.4532

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.



26.2903, 29.8840, 67.6139



35.5084, 29.8840, 16.2086



20.1346, 29.8840, 41.3260

Square

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



35.5084, 29.8840, 16.2086



21.9082, 29.8840, 17.0924



22.3164, 29.8840, 57.2573



36.0712, 29.8840, 55.2671

Rectangle

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



35.5084, 29.8840, 16.2086



27.2392, 29.8840, 12.0848



22.3164, 29.8840, 57.2573



29.6012, 29.8840, 68.4291

Sweetspot

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



35.5091, 29.8855, 16.2092



81.3154, 81.4237, 76.9059



37.7929, 25.4716, 44.6591



17.0328, 16.9193, 15.6117



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.



35.5091, 29.8855, 16.2092



53.3110, 41.7641, 17.1690



43.9954, 46.8580, 19.0379



11.4628, 11.7146, 11.7364



16.6594, 10.0518, 1.0621



0.9245, 0.6486, 0.0765

Inverse Universe

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



31.9107, 38.2232, 63.4532



46.6929, 56.7942, 103.1091



23.7539, 21.9096, 60.7343



11.2685, 12.1775, 14.3269



13.5193, 16.0625, 38.3441



0.7593, 0.9524, 1.9988

Previews

White Background



This preview shows how the XYZ color 35.5084, 29.8840, 16.2086 looks on a white background.

Color Contrast Check

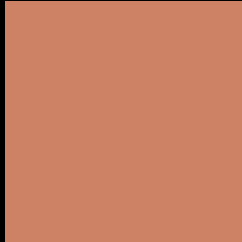
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5084, 29.8840, 16.2086 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 35.5084, 29.8840, 16.2086

Background



This preview shows how black text looks on a background with the XYZ color 35.5084, 29.8840, 16.2086.



This preview shows how white text looks on a background with the XYZ color 35.5084, 29.8840,

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

35.5084, 29.8840, 16.2086

Protanopia

28.0050, 30.0726, 18.7966

Deuteranopia

30.6650, 30.1295, 16.0037



Tritanopia

37.7192, 29.8264, 26.6907

Trichromacy



Original Color

35.5084, 29.8840, 16.2086

Protanomaly

30.1790, 29.6167, 17.7617

Deuteranomaly

32.1278, 29.7884, 16.1130

Tritanomaly

36.8966, 29.8742, 22.5605

Monochromacy



Original Color

35.5084, 29.8840, 16.2086

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2000, 29.4470, 25.9219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5084, 29.8840, 16.2086 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(205, 130, 101)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 101)  
}
```

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(205, 130, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 101) }
```

Border

The CSS property to change the border of an element to XYZ 35.5084, 29.8840, 16.2086 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(205, 130, 101) }
```


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

```
.border{ border-color:rgb(205, 130, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 101);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5084, 29.8840, 16.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 101) }
```

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

```
.background{ background-color: rgb(205,  
130, 101) }
```

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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