

Converting Colors

XYZ(35.2856, 29.8375, 16.5254)

Have a look what the booklet for
XYZ(35.2856, 29.8375, 16.5254)
contains.

XYZ(35.2827, 29.7619, 16.4554)	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(35.2827, 29.7619,
16.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8266
RGB	204, 130, 102
RGB Percent	80%, 51%, 40%
CMY	0.2000, 0.4902, 0.6000
CMYK	0.00, 0.36, 0.50, 0.20
HSL	16°, 50%, 60%
HSV	16°, 50%, 80%
XYZ	35.2827, 29.7619, 16.4554
YIQ	148.9340, 53.0920, 6.9800

Conversions

Conversions Part 2

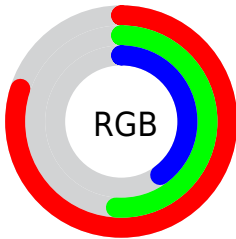
Format	Color
R_{YB}	204, 141, 102
Decimal	13402726
CIE Lab	61.45, 25.52, 27.00
CIE LCh	61, 37.149, 46.618
Yxy	29.7619, 0.4329, 0.3652
Android (android.graphics.Color)	4291592806 (0xFFCC8266)
YUV	148.9340, -23.1385, 48.2929
Hunter-Lab	54.5545, 19.9732, 20.3043

Details

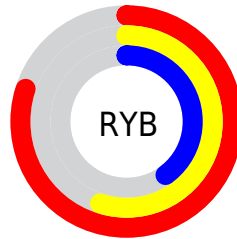
The XYZ color **35.2827, 29.7619, 16.4554** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.9031, 38.2333, 62.8248**, and the grayscale version is **28.6186, 30.1090, 32.7887**.

A 20% lighter version of the original color is **63.9233, 57.4269, 37.8524**, and **15.5909, 12.2162, 5.1507** is the 20% darker color. If you saturate the color by 10%, you get **32.5639, 25.7491, 11.1571**, and if you desaturate by 10%, it is **38.5351, 34.4435, 23.1602**.

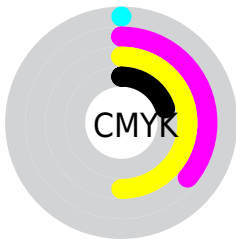
Distribution



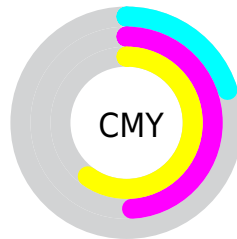
- Red (80%)
- Green (51%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2827, 29.7619, 16.4554 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 35.2827, 29.7619, 16.4554 by changing the saturation by 10% instead.


 35.2827, 29.7619,
16.4554


 35.2827, 29.7619,
16.4554


317.3006,
300.7930, 243.9509


 24.0483, 19.6579,
9.6891


 67.2546, 59.2854,
38.1647

 15.4944, 12.1466,
5.0904


 88.7228, 79.4738,
53.9449

 9.2556, 6.8436,
2.2408


 114.3330,
103.7924, 73.5668

 4.9667, 3.3645,
0.6977

 144.4504,
132.6257, 97.4489

 2.2623, 1.3249,
0.0000

179.4406,
166.3580, 126.0099

 0.7753, 0.1603,
0.0000

219.6688,

 0.0000, 0.0000,

205.3737, 159.6682

0.0000

265.5003,
250.0572, 198.8423

■ 35.2827, 29.7619,
16.4554

■ 35.2827, 29.7619,
16.4554

■ 32.5639, 25.7491,
11.1571

■ 38.5351, 34.4435,
23.1602

■ 30.3458, 22.3691,
7.1616

■ 42.3468, 39.8188,
31.3616

■ 28.5951, 19.5893,
4.3537


■ 46.7446, 45.9168,
41.1440

■ 27.2727, 17.3715,
2.5963


■ 51.7527, 52.7633,
52.5851


■ 26.3164, 15.6667,
1.6370


■ 57.3940, 60.3830,
65.7575

 26.3164, 15.6666,
1.6369

 63.6900, 68.7995,
80.7293

 70.6615, 78.0351,
97.5650

 76.6415, 87.4369,
107.4453

 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



38.3363, 29.7619, 25.2698



35.2827, 29.7619, 16.4554



30.5302, 29.7619, 12.5727

Triad

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



35.2827, 29.7619, 16.4554



20.0592, 29.7619, 26.5405



31.0755, 29.7619, 65.8449

Complementary

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



35.2827, 29.7619, 16.4554



31.9031, 38.2333, 62.8248

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.



26.1580, 29.7619, 66.4812



35.2827, 29.7619, 16.4554



20.1692, 29.7619, 40.7724

Square

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



35.2827, 29.7619, 16.4554



21.9643, 29.7619, 17.1525



22.2845, 29.7619, 56.3050



35.7215, 29.7619, 54.7583

Rectangle

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



35.2827, 29.7619, 16.4554



27.2133, 29.7619, 12.2802



22.2845, 29.7619, 56.3050



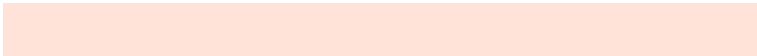
29.3902, 29.7619, 67.3798

Sweetspot

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



35.2834, 29.7634, 16.4560



81.2699, 81.3328, 76.8907



37.5691, 25.5067, 44.4337



17.0220, 16.8976, 15.6081



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.



35.2834, 29.7634, 16.4560



53.6126, 42.1680, 17.8839



43.6617, 46.5200, 19.2487



11.4588, 11.7066, 11.7351



16.6314, 9.9957, 1.0528



0.9226, 0.6449, 0.0759

Inverse Universe

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



31.9031, 38.2333, 62.8248



47.3219, 57.6297, 103.2373



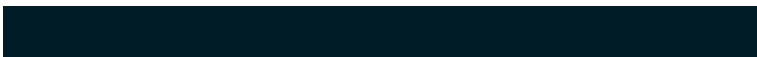
23.8141, 22.0553, 60.1284



11.2727, 12.1859, 14.3283



13.6057, 16.2353, 38.3729



0.7632, 0.9602, 2.0000

Previews

White Background



This preview shows how the XYZ color 35.2827, 29.7619, 16.4554 looks on a white background.

Color Contrast Check

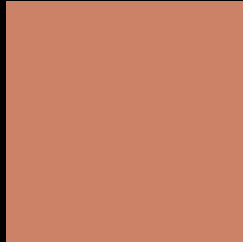
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2827, 29.7619, 16.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

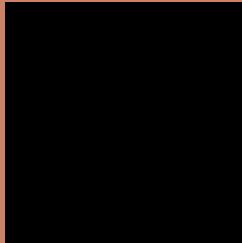
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2827, 29.7619, 16.4554

Background



This preview shows how black text looks on a background with the XYZ color 35.2827, 29.7619, 16.4554.



This preview shows how white text looks on a background with the XYZ color 35.2827, 29.7619,

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

35.2827, 29.7619, 16.4554

Protanopia

28.0591, 30.0943, 19.0818

Deuteranopia

30.3333, 29.7311, 16.1965



Tritanopia

37.5662, 29.9364, 26.7200

Trichromacy



Original Color

35.2827, 29.7619, 16.4554

Protanomaly

30.2313, 29.6376, 18.0372

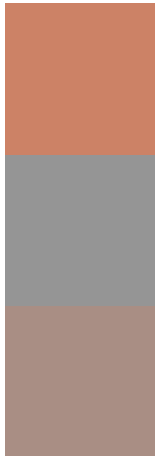
Deuteranomaly

31.9310, 29.6813, 16.3580

Tritanomaly

36.6181, 29.7306, 22.5475

Monochromacy



Original Color

35.2827, 29.7619, 16.4554

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 35.2827, 29.7619, 16.4554 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, 130, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 130, 102)  
}
```

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, 130, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 130, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.2827, 29.7619, 16.4554 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, 130, 102) }
```


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

```
.border{ border-color:rgb(204, 130, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 130, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 130, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 130, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 130,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2827, 29.7619, 16.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 130, 102) }
```

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

```
.background{ background-color: rgb(204,  
130, 102) }
```

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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