

Converting Colors

XYZ(34.3127, 31.6140, 14.6354)

Have a look what the booklet for
XYZ(34.3127, 31.6140, 14.6354)
contains.

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Color

**XYZ(34.2656, 31.5758,
14.6447)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C48D5D |
| RGB | 196, 141, 93 |
| RGB Percent | 77%, 55%, 36% |
| CMY | 0.2314, 0.4470, 0.6353 |
| CMYK | 0.00, 0.28, 0.53, 0.23 |
| HSL | 28°, 47%, 57% |
| HSV | 28°, 53%, 77% |
| XYZ | 34.2656, 31.5758, 14.6447 |
| YIQ | 151.9730, 48.1880, -3.2680 |

Conversions

Conversions Part 2

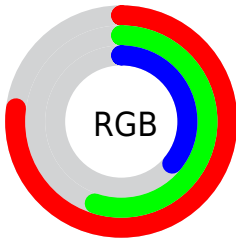
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 196, 183, 93 |
| Decimal | 12881245 |
| CIE Lab | 62.99, 15.38, 33.72 |
| CIE LCh | 63, 37.062, 65.480 |
| Yxy | 31.5758, 0.4257, 0.3923 |
| Android (android.graphics.Color) | 4291071325 (0xFFC48D5D) |
| YUV | 151.9730, -29.0737, 38.6117 |
| Hunter-Lab | 56.1923, 10.5111, 23.8826 |

Details

The XYZ color **34.2656, 31.5758, 14.6447** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **25.0674, 27.4914, 56.2095**, and the grayscale version is **29.9410, 31.5003, 34.3038**.

A 20% lighter version of the original color is **65.7891, 62.3038, 34.9439**, and **14.8622, 13.1606, 4.2395** is the 20% darker color. If you saturate the color by 10%, you get **32.0355, 28.3314, 10.1534**, and if you desaturate by 10%, it is **36.8656, 35.2039, 20.3575**.

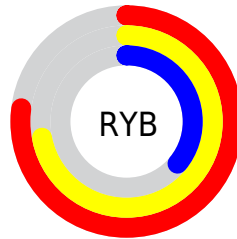
Distribution



Red (77%)

Green (55%)

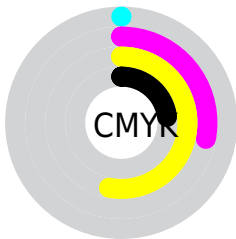
Blue (36%)



Red (77%)

Yellow (72%)

Blue (36%)

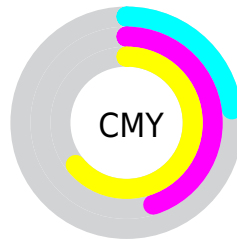


Cyan (0%)

Magenta (28%)

Yellow (53%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2656, 31.5758, 14.6447 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 34.2656, 31.5758, 14.6447 by changing the saturation by 10% instead.


 34.2656, 31.5758,
14.6447


 34.2656, 31.5758,
14.6447


312.8798,
309.1823, 232.7717

 23.2616, 21.0377,
8.4266


 65.6880, 62.1455,
34.9621


 14.9085, 13.1516,
4.2774


 86.8372, 82.9459,
49.8985

 8.8411, 7.5330,
1.7787


 112.0987,
107.9358, 68.5780

 4.6940, 3.7976,
0.4139

 141.8380,
137.4996, 91.4192

 2.1017, 1.5610,
0.0000

176.4204,
172.0218, 118.8406

 0.6902, 0.3311,
0.0000

216.2112,

 0.0000, 0.0000,

211.8867, 151.2608

0.0000

261.5760,
257.4788, 189.0983

■ 34.2656, 31.5758,
14.6447

■ 34.2656, 31.5758,
14.6447

■ 32.0355, 28.3314,
10.1534

■ 36.8656, 35.2039,
20.3575

■ 30.1516, 25.4512,
6.7891

■ 39.8525, 39.2251,
27.3729

■ 28.5904, 22.9202,
4.4458

■ 43.2450, 43.6540,
35.7674

■ 27.3238, 20.7202,
2.9965

■ 47.0597, 48.5030,
45.6107

■ 26.5358, 19.2776,
2.3224

■ 51.3122, 53.7838,
56.9679

■ 56.0173, 59.5078,
69.9001

■ 61.1889, 65.6857,
84.4649

■ 66.8404, 72.3280,
100.7171

■ 70.5781, 78.4821,
106.0364

Harmonies

Analogous

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



38.7209, 31.5758, 20.5271



34.2656, 31.5758, 14.6447



29.0855, 31.5758, 13.3261

Triad

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



34.2656, 31.5758, 14.6447



21.2750, 31.5758, 37.1316



36.0673, 31.5758, 62.6758

Complementary

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



34.2656, 31.5758, 14.6447



25.0674, 27.4914, 56.2095

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.



30.9576, 31.5758, 70.5722



34.2656, 31.5758, 14.6447



22.7177, 31.5758, 53.3808

Square

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



34.2656, 31.5758, 14.6447



21.9491, 31.5758, 23.9984



26.1256, 31.5758, 66.7619



39.8408, 31.5758, 47.3940

Rectangle

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



34.2656, 31.5758, 14.6447



25.9900, 31.5758, 14.7576



26.1256, 31.5758, 66.7619



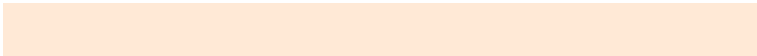
34.4286, 31.5758, 66.4527

Sweetspot

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



34.2664, 31.5773, 14.6453



82.6031, 84.5251, 75.7137



32.1563, 21.7555, 31.2113



17.3704, 17.6979, 15.4050



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.



34.2664, 31.5773, 14.6453



57.5056, 50.5334, 17.3953



43.3388, 49.7222, 17.6695



10.4515, 10.8344, 10.6023



17.1350, 12.5557, 1.5204



0.8093, 0.6803, 0.0887

Inverse Universe

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



25.0674, 27.4914, 56.2095



39.0490, 42.3121, 100.7167



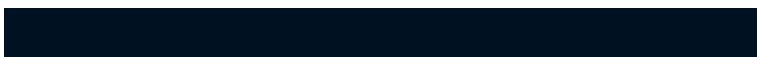
18.8600, 15.0765, 54.1404



9.9636, 10.6185, 12.8093



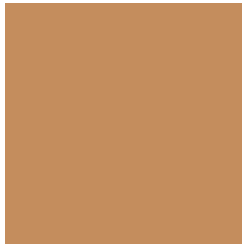
9.7122, 9.1809, 34.8168



0.4881, 0.5336, 1.5272

Previews

White Background



This preview shows how the XYZ color 34.2656, 31.5758, 14.6447 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.2656, 31.5758, 14.6447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

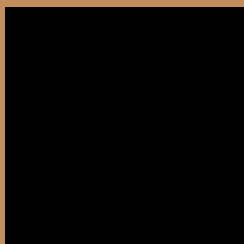
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2656, 31.5758, 14.6447

Background



This preview shows how black text looks on a background with the XYZ color 34.2656, 31.5758, 14.6447.



This preview shows how white text looks on a background with the XYZ color 34.2656, 31.5758,

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

34.2656, 31.5758, 14.6447

Protanopia

29.2748, 31.7525, 15.8952

Deuteranopia

32.2182, 31.6448, 14.5352



Tritanopia

37.5942, 31.6516, 30.9160

Trichromacy



Original Color

34.2656, 31.5758, 14.6447

Protanomaly

30.9902, 31.6865, 15.5491

Deuteranomaly

32.8913, 31.5380, 14.4791

Tritanomaly

36.2647, 31.5398, 23.9151

Monochromacy



Original Color

34.2656, 31.5758, 14.6447

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8351, 31.1433, 25.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2656, 31.5758, 14.6447 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(196, 141, 93)` looks like.

```
.text, #text, p{  
    color:rgb(196, 141, 93)  
}
```

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(196, 141, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 141, 93) }
```

Border

The CSS property to change the border of an element to XYZ 34.2656, 31.5758, 14.6447 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(196, 141, 93) }
```


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

```
.border{ border-color:rgb(196, 141, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 141, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 141, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 141, 93);  
box-shadow:4px 4px 4px 4px rgb(196, 141,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2656, 31.5758, 14.6447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 141, 93) }
```

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

```
.background{ background-color: rgb(196,  
141, 93) }
```

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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