

Converting Colors

XYZ(35.4020, 31.4232, 18.6674)

Have a look what the booklet for
XYZ(35.4020, 31.4232, 18.6674)
contains.

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Color

**XYZ(35.4020, 31.4232,
18.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	C78A6D
RGB	199, 138, 109
RGB Percent	78%, 54%, 43%
CMY	0.2196, 0.4588, 0.5725
CMYK	0.00, 0.31, 0.45, 0.22
HSL	19°, 45%, 60%
HSV	19°, 45%, 78%
XYZ	35.4020, 31.4232, 18.6674
YIQ	152.9330, 45.6650, 3.9130

Conversions

Conversions Part 2

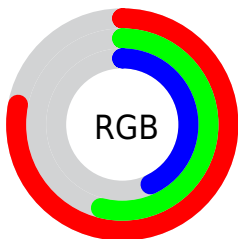
Format	Color
RYB	199, 152, 109
Decimal	13077101
CIELab	62.86, 19.82, 24.87
CIELCh	63, 31.799, 51.440
Yxy	31.4232, 0.4141, 0.3676
Android (android.graphics.Color)	4291267181 (0xFFC78A6D)
YUV	152.9330, -21.6590, 40.4008
Hunter-Lab	56.0564, 14.6316, 19.4953

Details

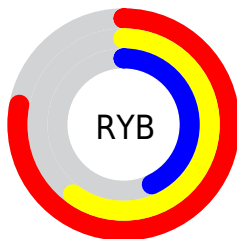
The XYZ color **35.4020, 31.4232, 18.6674** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9896, 36.1227, 59.3718**, and the grayscale version is **30.3272, 31.9065, 34.7462**.

A 20% lighter version of the original color is **66.5227, 61.5325, 42.0890**, and **15.6597, 13.1560, 6.1289** is the 20% darker color. If you saturate the color by 10%, you get **32.6334, 27.4107, 13.0443**, and if you desaturate by 10%, it is **38.6550, 36.0164, 25.6490**.

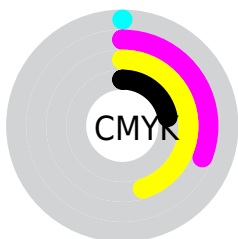
Distribution



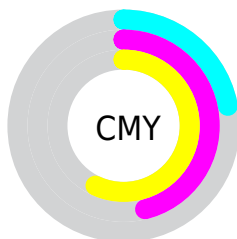
- Red (78%)
- Green (54%)
- Blue (43%)



- Red (78%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4020, 31.4232, 18.6674 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 35.4020, 31.4232, 18.6674 by changing the saturation by 10% instead.


 35.4020, 31.4232,
18.6674


 35.4020, 31.4232,
18.6674


317.8162,
308.4833, 256.9677

 24.1407, 20.9213,
11.2558


 67.4380, 61.9057,
42.0005


 15.5633, 13.0665,
6.1228


 88.9434, 82.6552,
58.7591

 9.3045, 7.4744,
2.8499


 114.5941,
107.5893, 79.4705

 4.9991, 3.7605,
1.0185

 144.7556,
137.0924, 104.5532

 2.2815, 1.5405,
0.0000

179.7932,
171.5490, 134.4257

 0.7852, 0.3170,
0.0000

220.0723,

 0.0000, 0.0000,

211.3434, 169.5066

0.0000

265.9582,
256.8600, 210.2144

■ 35.4020, 31.4232,
18.6674

■ 35.4020, 31.4232,
18.6674

■ 32.6334, 27.4107,
13.0443

■ 38.6550, 36.0164,
25.6490

■ 30.3215, 23.9501,
8.6878

■ 42.4134, 41.2083,
34.0692

■ 28.4391, 21.0169,
5.4969


■ 46.6998, 47.0219,
44.0040


■ 26.9548, 18.5825,
3.3547


■ 51.5344, 53.4773,
55.5235

■ 25.8313, 16.6151,
2.1184


■ 56.9366, 60.5940,
68.6933

 25.3940, 15.8238,
1.7159

 62.9247, 68.3903,
83.5753

 69.5162, 76.8840,
100.2284

 74.5284, 85.2126,
107.1273

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



38.3675, 31.4232, 26.1690



35.4020, 31.4232, 18.6674



31.1319, 31.4232, 15.5436

Triad

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



35.4020, 31.4232, 18.6674



22.3215, 31.4232, 30.7644



33.0365, 31.4232, 61.7747

Complementary

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



35.4020, 31.4232, 18.6674



30.9896, 36.1227, 59.3718

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.



28.6365, 31.4232, 63.8642



35.4020, 31.4232, 18.6674



22.7247, 31.4232, 43.7601

Square

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



35.4020, 31.4232, 18.6674



23.7804, 31.4232, 21.3268



24.9409, 31.4232, 56.6267



36.9120, 31.4232, 51.4647

Rectangle

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



35.4020, 31.4232, 18.6674



28.2351, 31.4232, 15.6677



24.9409, 31.4232, 56.6267



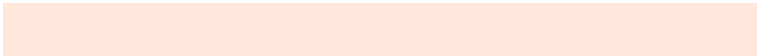
31.5602, 31.4232, 63.5472

Sweetspot

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



35.4028, 31.4247, 18.6680



82.5871, 83.4331, 78.9765



36.3251, 26.0009, 41.3830



17.3035, 17.3554, 16.0259



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.



35.4028, 31.4247, 18.6680



57.3320, 48.2784, 23.2192



43.1441, 46.9074, 21.2485



10.9083, 11.1857, 11.1469



16.4000, 10.3171, 1.1270



0.8427, 0.6208, 0.0754

Inverse Universe

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



30.9896, 36.1227, 59.3718



48.6272, 57.4242, 103.1288



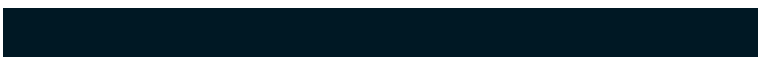
24.0128, 22.1692, 57.0462



10.6474, 11.4689, 13.5700



12.2703, 13.9344, 36.7873



0.6445, 0.7869, 1.7631

Previews

White Background



This preview shows how the XYZ color 35.4020, 31.4232, 18.6674 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 35.4020, 31.4232, 18.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

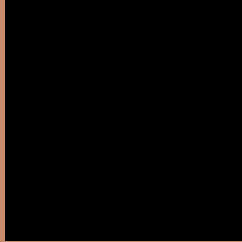
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4020, 31.4232, 18.6674

Background



This preview shows how black text looks on a background with the XYZ color 35.4020, 31.4232, 18.6674.



This preview shows how white text looks on a background with the XYZ color 35.4020, 31.4232,

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

35.4020, 31.4232, 18.6674

Protanopia

29.4270, 31.4808, 20.7451

Deuteranopia

31.9888, 31.4431, 18.2930



Tritanopia

37.7026, 31.3148, 30.0438

Trichromacy



Original Color

35.4020, 31.4232, 18.6674

Protanomaly

31.3189, 31.2898, 20.0116

Deuteranomaly

33.2683, 31.4190, 18.4984

Tritanomaly

36.8481, 31.3841, 25.5884

Monochromacy



Original Color

35.4020, 31.4232, 18.6674

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6828, 31.5320, 28.0833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4020, 31.4232, 18.6674 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(199, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(199, 138, 109)  
}
```

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(199, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 138, 109) }
```

Border

The CSS property to change the border of an element to XYZ 35.4020, 31.4232, 18.6674 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(199, 138, 109) }
```


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

```
.border{ border-color:rgb(199, 138, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(199, 138,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4020, 31.4232, 18.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 138, 109) }
```

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

```
.background{ background-color: rgb(199,  
138, 109) }
```

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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