

Converting Colors

XYZ(35.3359, 33.9184, 19.2584)

Have a look what the booklet for
XYZ(35.3359, 33.9184, 19.2584)
contains.

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Color

**XYZ(35.2460, 33.8055,
19.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	C0956D
RGB	192, 149, 109
RGB Percent	75%, 58%, 43%
CMY	0.2471, 0.4157, 0.5725
CMYK	0.00, 0.22, 0.43, 0.25
HSL	29°, 40%, 59%
HSV	29°, 43%, 75%
XYZ	35.2460, 33.8055, 19.1354
YIQ	157.2970, 38.4680, -3.3240

Conversions

Conversions Part 2

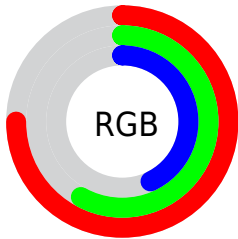
Format	Color
R_{YB}	192, 186, 109
Decimal	12621165
CIE _{Lab}	64.81, 10.91, 27.30
CIE _{LCh}	65, 29.397, 68.214
Yxy	33.8055, 0.3997, 0.3833
Android (android.graphics.Color)	4290811245 (0xFFC0956D)
YUV	157.2970, -23.8104, 30.4345
Hunter-Lab	58.1425, 6.4574, 21.1867

Details

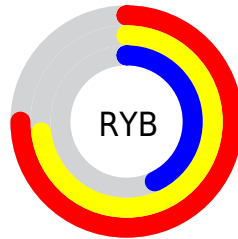
The XYZ color **35.2460, 33.8055, 19.1354** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0489, 29.5123, 54.1399**, and the grayscale version is **32.2741, 33.9549, 36.9769**.

A 20% lighter version of the original color is **67.2133, 65.6091, 42.8395**, and **15.5265, 14.3907, 6.3742** is the 20% darker color. If you saturate the color by 10%, you get **32.8164, 30.4236, 13.7713**, and if you desaturate by 10%, it is **38.0375, 37.5497, 25.7346**.

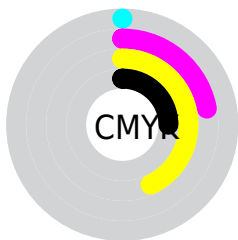
Distribution



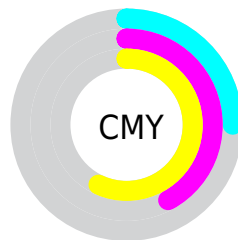
- Red (75%)
- Green (58%)
- Blue (43%)



- Red (75%)
- Yellow (73%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2460, 33.8055, 19.1354 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 35.2460, 33.8055, 19.1354 by changing the saturation by 10% instead.


 35.2460, 33.8055,
19.1354


 35.2460, 33.8055,
19.1354


317.1419,
319.2639, 259.6428


 24.0198, 22.7442,
11.5904

 67.1982, 65.6311,
42.8025


 15.4732, 14.4048,
6.3463


 88.6549, 87.1642,
59.7617

 9.2406, 8.4027,
2.9846


 114.2526,
112.9567, 80.6959

 4.9568, 4.3537,
1.0868

 144.3565,
143.3930, 106.0238

 2.2564, 1.8733,
0.0000

179.3320,
178.8574, 136.1639

 0.7722, 0.5323,
0.0000

219.5445,

 0.0000, 0.0000,

219.7345, 171.5348

0.0000

265.3594,
266.4085, 212.5549

■ 35.2460, 33.8055,
19.1354

■ 35.2460, 33.8055,
19.1354

■ 32.8164, 30.4236,
13.7713

■ 38.0375, 37.5497,
25.7346

■ 30.7280, 27.3866,
9.5610

■ 41.2050, 41.6633,
33.6392

■ 28.9614, 24.6825,
6.4163


■ 44.7651, 46.1590,
42.9165


■ 27.4939, 22.2964,
4.2354


■ 48.7322, 51.0476,
53.6284


■ 26.2988, 20.2115,
2.8959


■ 53.1203, 56.3392,
65.8332

 25.6123, 18.9547,
2.3087

 57.9423, 62.0437,
79.5859

 63.2108, 68.1703,
94.9387

 67.6894, 74.2289,
105.3677

 70.5140, 79.8780,
106.3093

Harmonies

Analogous

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



38.9563, 33.8055, 24.1949



35.2460, 33.8055, 19.1354



30.9827, 33.8055, 18.2288

Triad

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



35.2460, 33.8055, 19.1354



24.7331, 33.8055, 40.2387



37.4310, 33.8055, 58.3171

Complementary

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



35.2460, 33.8055, 19.1354



27.0489, 29.5123, 54.1399

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.



33.3075, 33.8055, 65.0193



35.2460, 33.8055, 19.1354



26.1536, 33.8055, 53.1844

Square

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



35.2460, 33.8055, 19.1354



25.1533, 33.8055, 28.8208



29.2054, 33.8055, 62.9592



40.2929, 33.8055, 46.1504

Rectangle

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



35.2460, 33.8055, 19.1354



28.4364, 33.8055, 19.8582



29.2054, 33.8055, 62.9592



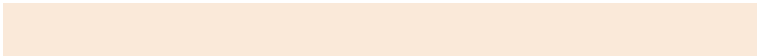
36.1328, 33.8055, 61.3930

Sweetspot

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



35.2468, 33.8071, 19.1361



81.1258, 83.6549, 77.7989



32.9789, 24.4528, 33.2345



17.0823, 17.5443, 15.8393



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2468, 33.8071, 19.1361



59.6237, 55.3562, 25.2963



42.7464, 48.8063, 21.6359



10.4648, 10.8610, 10.6067



17.3116, 12.9089, 1.5793



0.8170, 0.6957, 0.0912

Inverse Universe

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



27.0489, 29.5123, 54.1399



42.8058, 46.5397, 97.0872



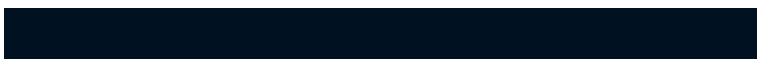
21.5898, 18.5942, 52.3203



9.9502, 10.5917, 12.8048



9.5123, 8.7811, 34.7502



0.4798, 0.5169, 1.5244

Previews

White Background



This preview shows how the XYZ color 35.2460, 33.8055, 19.1354 looks on a white background.

Color Contrast Check

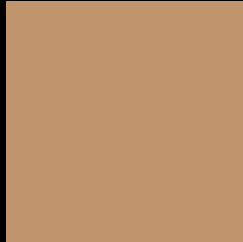
Large Text (above 18pt) WCAG AA × Fail

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 35.2460, 33.8055, 19.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

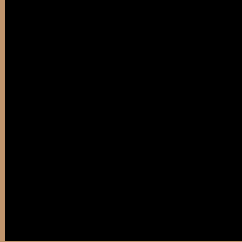
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2460, 33.8055, 19.1354

Background



This preview shows how black text looks on a background with the XYZ color 35.2460, 33.8055, 19.1354.



This preview shows how white text looks on a background with the XYZ color 35.2460, 33.8055,

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

35.2460, 33.8055, 19.1354

Protanopia

31.6152, 33.8522, 20.4906

Deuteranopia

34.5660, 33.9287, 19.1951



Tritanopia

38.4201, 33.7138, 35.0543

Trichromacy



Original Color

35.2460, 33.8055, 19.1354

Protanomaly

32.8403, 33.7460, 20.1120

Deuteranomaly

34.6529, 33.7356, 19.1532

Tritanomaly

37.2185, 33.6879, 28.5855

Monochromacy



Original Color

35.2460, 33.8055, 19.1354

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8668, 33.5507, 29.5546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2460, 33.8055, 19.1354 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(192, 149, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 149, 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(192, 149, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 149, 109) }
```

Border

The CSS property to change the border of an element to XYZ 35.2460, 33.8055, 19.1354 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(192, 149, 109) }
```


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

```
.border{ border-color:rgb(192, 149, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 149, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 149, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 149, 109); box-shadow:4px 4px 4px 4px rgb(192, 149, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2460, 33.8055, 19.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 149, 109) }
```

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

```
.background{ background-color: rgb(192,  
149, 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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