

Converting Colors

XYZ(35.3685, 32.5199, 19.2262)

Have a look what the booklet for
XYZ(35.3685, 32.5199, 19.2262)
contains.

XYZ(35.4019, 32.5065, 19.1603)	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(35.4019, 32.5065,
19.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	C48F6E
RGB	196, 143, 110
RGB Percent	77%, 56%, 43%
CMY	0.2314, 0.4392, 0.5686
CMYK	0.00, 0.27, 0.44, 0.23
HSL	23°, 42%, 60%
HSV	23°, 44%, 77%
XYZ	35.4019, 32.5065, 19.1603
YIQ	155.0850, 42.1810, 0.9730

Conversions

Conversions Part 2

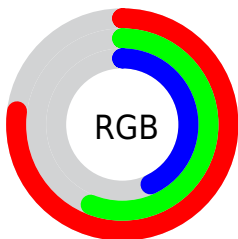
Format	Color
RYB	196, 164, 110
Decimal	12881774
CIELab	63.76, 15.96, 25.44
CIELCh	64, 30.032, 57.900
Yxy	32.5065, 0.4066, 0.3733
Android (android.graphics.Color)	4291071854 (0xFFC48F6E)
YUV	155.0850, -22.2269, 35.8825
Hunter-Lab	57.0145, 11.0604, 19.9851

Details

The XYZ color **35.4019, 32.5065, 19.1603** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4908, 33.4935, 57.1351**, and the grayscale version is **31.2763, 32.9051, 35.8337**.

A 20% lighter version of the original color is **67.3609, 63.6120, 42.9105**, and **15.5991, 13.7520, 6.3897** is the 20% darker color. If you saturate the color by 10%, you get **32.7340, 28.6938, 13.5758**, and if you desaturate by 10%, it is **38.5027, 36.8072, 26.0542**.

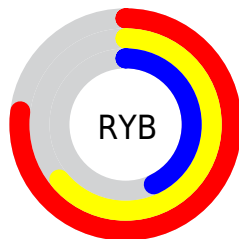
Distribution



Red (77%)

Green (56%)

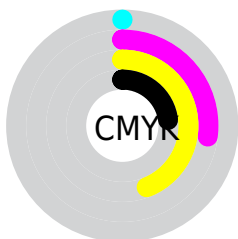
Blue (43%)



Red (77%)

Yellow (64%)

Blue (43%)

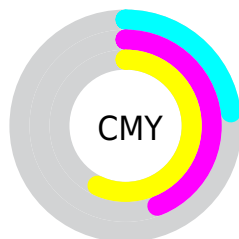


Cyan (0%)

Magenta (27%)

Yellow (44%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4019, 32.5065, 19.1603 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 35.4019, 32.5065, 19.1603 by changing the saturation by 10% instead.


 35.4019, 32.5065,
19.1603


 35.4019, 32.5065,
19.1603


317.8158,
313.4201, 259.7844

 24.1406, 21.7487,
11.6082


 67.4378, 63.6043,
42.8451


 15.5632, 13.6723,
6.3582


 88.9432, 84.7130,
59.8148

 9.3045, 7.8931,
2.9918


 114.5939,
110.0408, 80.7609

 4.9990, 4.0266,
1.0904

 144.7554,
139.9721, 106.1018

 2.2814, 1.6885,
0.0000

179.7929,
174.8913, 136.2560

 0.7851, 0.4162,
0.0000

220.0720,

 0.0000, 0.0000,

215.1828, 171.6422

0.0000

265.9578,
261.2309, 212.6788

■ 35.4019, 32.5065,
19.1603

■ 35.4019, 32.5065,
19.1603

■ 32.7340, 28.6938,
13.5758

■ 38.5027, 36.8072,
26.0542

■ 30.4748, 25.3459,
9.2139

■ 42.0541, 41.6087,
34.3328

■ 28.6008, 22.4443,
5.9800


■ 46.0758, 46.9291,
44.0681

■ 27.0849, 19.9671,
3.7648


■ 50.5854, 52.7841,
55.3262


■ 25.8952, 17.8901,
2.4362


■ 55.5997, 59.1887,
68.1694

 25.2959, 16.7978,
1.9090

 61.1343, 66.1574,
82.6563

 67.2046, 73.7039,
98.8427

 71.8660, 81.0579,
106.4657

 75.5335, 88.3929,
107.6882

Harmonies

Analogous

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



38.6188, 32.5065, 25.6143



35.4019, 32.5065, 19.1603



31.1941, 32.5065, 16.9103

Triad

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



35.4019, 32.5065, 19.1603



23.4908, 32.5065, 34.5512



34.8422, 32.5065, 60.0972

Complementary

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



35.4019, 32.5065, 19.1603



29.4908, 33.4935, 57.1351

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.



30.6007, 32.5065, 63.9925



35.4019, 32.5065, 19.1603



24.2790, 32.5065, 47.3915

Square

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



35.4019, 32.5065, 19.1603



24.5325, 32.5065, 24.4463



26.7905, 32.5065, 58.8960



38.2756, 32.5065, 49.2018

Rectangle

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



35.4019, 32.5065, 19.1603



28.4740, 32.5065, 17.5958



26.7905, 32.5065, 58.8960



33.4525, 32.5065, 62.3637

Sweetspot

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



35.4027, 32.5081, 19.1609



83.9907, 85.6978, 81.1164



34.9549, 25.5334, 37.7523



17.6088, 17.8594, 16.4567



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.



35.4027, 32.5081, 19.1609



59.3198, 52.0099, 24.6340



43.1314, 47.9654, 21.7372



10.3830, 10.6975, 10.5794



16.3313, 10.9484, 1.2525



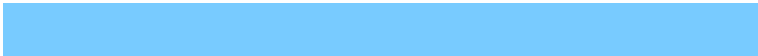
0.7724, 0.6066, 0.0764

Inverse Universe

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



29.4908, 33.4935, 57.1351



47.1623, 53.9770, 102.5406



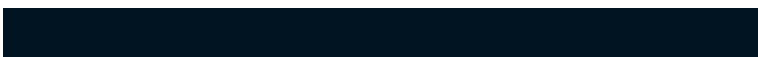
23.1149, 20.7418, 55.0098



10.0334, 10.7581, 12.8325



10.8637, 11.4839, 35.2007



0.5344, 0.6262, 1.5426

Previews

White Background



This preview shows how the XYZ color 35.4019, 32.5065, 19.1603 looks on a white background.

Color Contrast Check

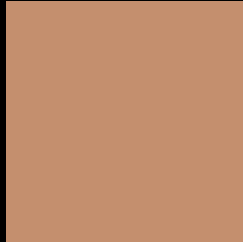
Large Text (above 18pt) WCAG AA × Fail

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 35.4019, 32.5065, 19.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

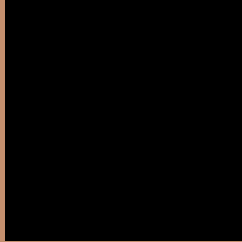
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4019, 32.5065, 19.1603

Background



This preview shows how black text looks on a background with the XYZ color 35.4019, 32.5065, 19.1603.



This preview shows how white text looks on a background with the XYZ color 35.4019, 32.5065,

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

35.4019, 32.5065, 19.1603

Protanopia

30.5417, 32.7875, 20.9386

Deuteranopia

33.1174, 32.4743, 18.9907



Tritanopia

37.9870, 32.4572, 32.2797

Trichromacy



Original Color

35.4019, 32.5065, 19.1603

Protanomaly

32.1787, 32.6726, 20.2332

Deuteranomaly

33.7782, 32.3533, 18.9325

Tritanomaly

36.9699, 32.4832, 26.8756

Monochromacy



Original Color

35.4019, 32.5065, 19.1603

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.3044, 32.5433, 29.0050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4019, 32.5065, 19.1603 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, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 110)  
}
```

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, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.4019, 32.5065, 19.1603 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, 143, 110) }
```


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

```
.border{ border-color:rgb(196, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4019, 32.5065, 19.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 110) }
```

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

```
.background{ background-color: rgb(196,  
143, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor