

Converting Colors

XYZ(35.6757, 33.2669, 18.9615)

Have a look what the booklet for
XYZ(35.6757, 33.2669, 18.9615)
contains.

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Color

**XYZ(35.8042, 33.3977,
19.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	C4926D
RGB	196, 146, 109
RGB Percent	77%, 57%, 43%
CMY	0.2314, 0.4274, 0.5725
CMYK	0.00, 0.26, 0.44, 0.23
HSL	26°, 42%, 60%
HSV	26°, 44%, 77%
XYZ	35.8042, 33.3977, 19.0273
YIQ	156.7320, 41.6770, -0.9070

Conversions

Conversions Part 2

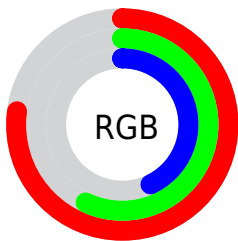
Format	Color
R _Y B	196, 173, 109
Decimal	12882541
CIE Lab	64.48, 14.20, 26.95
CIE LCh	64, 30.460, 62.207
Yxy	33.3977, 0.4058, 0.3785
Android (android.graphics.Color)	4291072621 (0xFFC4926D)
YUV	156.7320, -23.5319, 34.4380
Hunter-Lab	57.7907, 9.4557, 20.9326

Details

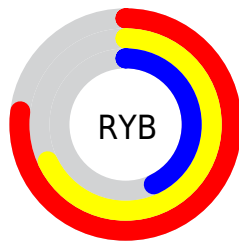
The XYZ color **35.8042, 33.3977, 19.0273** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6681, 32.0317, 56.8963**, and the grayscale version is **32.0174, 33.6848, 36.6827**.

A 20% lighter version of the original color is **67.9603, 64.9526, 42.6734**, and **15.7497, 14.0968, 6.3057** is the 20% darker color. If you saturate the color by 10%, you get **33.2130, 29.7198, 13.5258**, and if you desaturate by 10%, it is **38.8034, 37.5151, 25.8262**.

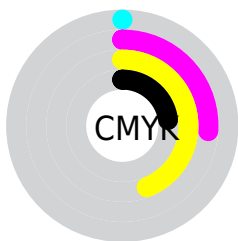
Distribution



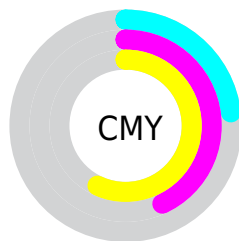
- Red (77%)
- Green (57%)
- Blue (43%)



- Red (77%)
- Yellow (68%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8042, 33.3977, 19.0273 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 35.8042, 33.3977, 19.0273 by changing the saturation by 10% instead.


 35.8042, 33.3977,
19.0273


 35.8042, 33.3977,
19.0273


319.5501,
317.4380, 259.0272

 24.4524, 22.4313,
11.5130


 68.0556, 64.9959,
42.6175


 15.7961, 14.1741,
6.2945


 89.6859, 86.3966,
59.5306

 9.4699, 8.2419,
2.9533


 115.4731,
112.0440, 80.4135

 5.1085, 4.2501,
1.0708

 145.7826,
142.3227, 105.6851

 2.3465, 1.8144,
0.0000

180.9797,
177.6171, 135.7636

 0.8183, 0.4961,
0.0000

221.4297,

 0.0000, 0.0000,

218.3115, 171.0678

0.0000

267.4981,
264.7903, 212.0162

■ 35.8042, 33.3977,
19.0273

■ 35.8042, 33.3977,
19.0273

■ 33.2130, 29.7198,
13.5258

■ 38.8034, 37.5151,
25.8262

■ 31.0066, 26.4604,
9.2347

■ 42.2272, 42.0824,
33.9977

■ 29.1630, 23.6037,
6.0593


■ 46.0943, 47.1155,
43.6136


■ 27.6561, 21.1306,
3.8899


■ 50.4212, 52.6280,
54.7400

■ 26.4553, 19.0198,
2.5935


■ 55.2238, 58.6332,
67.4391

 25.8863, 17.9785,
2.1058

 60.5169, 65.1434,
81.7692

 66.3148, 72.1706,
97.7861

 70.8427, 79.0113,
106.1246

 74.1907, 85.7072,
107.2406

Harmonies

Analogous

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



39.3572, 33.3977, 25.0361



35.8042, 33.3977, 19.0273



31.4226, 33.3977, 17.3001

Triad

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



35.8042, 33.3977, 19.0273



24.0997, 33.3977, 37.2944



36.4119, 33.3977, 60.6233

Complementary

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



35.8042, 33.3977, 19.0273



28.6681, 32.0317, 56.8963

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.



32.0666, 33.3977, 65.9266



35.8042, 33.3977, 19.0273



25.1811, 33.3977, 50.6793

Square

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



35.8042, 33.3977, 19.0273



24.9061, 33.3977, 26.3022



28.0021, 33.3977, 61.9292



39.7300, 33.3977, 48.7124

Rectangle

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



35.8042, 33.3977, 19.0273



28.6869, 33.3977, 18.3940



28.0021, 33.3977, 61.9292



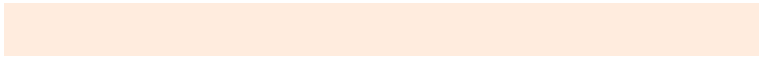
35.0099, 33.3977, 63.3464

Sweetspot

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



35.8050, 33.3993, 19.0280



84.3858, 86.4880, 81.2481



34.5571, 25.2027, 36.1867



17.7059, 18.0536, 16.4890



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.



35.8050, 33.3993, 19.0280



60.4094, 54.1890, 24.9972



43.6692, 49.1277, 21.6494



10.4175, 10.7664, 10.5909



16.7147, 11.7151, 1.3803



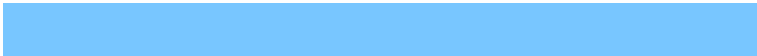
0.7904, 0.6426, 0.0824

Inverse Universe

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



28.6681, 32.0317, 56.8963



45.8584, 51.3694, 102.1060



22.5450, 19.7856, 54.8553



9.9981, 10.6874, 12.8208



10.2571, 10.2706, 34.9984



0.5103, 0.5781, 1.5346

Previews

White Background



This preview shows how the XYZ color 35.8042, 33.3977, 19.0273 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 35.8042, 33.3977, 19.0273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

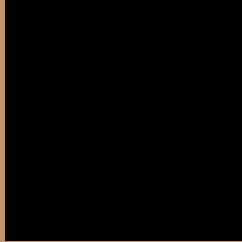
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8042, 33.3977, 19.0273

Background



This preview shows how black text looks on a background with the XYZ color 35.8042, 33.3977, 19.0273.



This preview shows how white text looks on a background with the XYZ color 35.8042, 33.3977,

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

35.8042, 33.3977, 19.0273

Protanopia

31.1861, 33.6310, 20.4705

Deuteranopia

34.1066, 33.4602, 18.8482



Tritanopia

38.7834, 33.2699, 33.6558

Trichromacy



Original Color

35.8042, 33.3977, 19.0273

Protanomaly

32.6760, 33.4173, 20.0572

Deuteranomaly

34.6894, 33.5248, 18.8300

Tritanomaly

37.6701, 33.2657, 27.7280

Monochromacy



Original Color

35.8042, 33.3977, 19.0273

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9194, 33.3338, 29.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8042, 33.3977, 19.0273 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, 146, 109)` looks like.

```
.text, #text, p{  
    color:rgb(196, 146, 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(196, 146, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 146, 109) }
```

Border

The CSS property to change the border of an element to XYZ 35.8042, 33.3977, 19.0273 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, 146, 109) }
```


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

```
.border{ border-color:rgb(196, 146, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 146, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 146, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 146, 109);  
box-shadow:4px 4px 4px 4px rgb(196, 146,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8042, 33.3977, 19.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 146, 109) }
```

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

```
.background{ background-color: rgb(196,  
146, 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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