

Converting Colors

XYZ(37.5450, 35.7409, 18.7069)

Have a look what the booklet for
XYZ(37.5450, 35.7409, 18.7069)
contains.

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Color

**XYZ(37.4353, 35.6601,
18.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	C7986B
RGB	199, 152, 107
RGB Percent	78%, 60%, 42%
CMY	0.2196, 0.4039, 0.5804
CMYK	0.00, 0.24, 0.46, 0.22
HSL	29°, 45%, 60%
HSV	29°, 46%, 78%
XYZ	37.4353, 35.6601, 18.8200
YIQ	160.9230, 42.4570, -4.0310

Conversions

Conversions Part 2

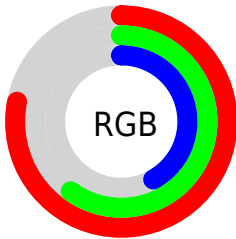
Format	Color
R_{YB}	199, 195, 107
Decimal	13080683
CIE _{Lab}	66.26, 11.94, 30.42
CIE _{LCh}	66, 32.679, 68.565
Yxy	35.6601, 0.4073, 0.3880
Android (android.graphics.Color)	4291270763 (0xFFC7986B)
YUV	160.9230, -26.5840, 33.3935
Hunter-Lab	59.7161, 7.3964, 23.1155

Details

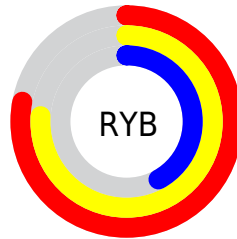
The XYZ color **37.4353, 35.6601, 18.8200** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.9275, 30.3595, 58.4209**, and the grayscale version is **33.9470, 35.7149, 38.8936**.

A 20% lighter version of the original color is **69.5693, 67.9058, 42.2413**, and **16.7708, 15.4628, 6.2384** is the 20% darker color. If you saturate the color by 10%, you get **34.9268, 32.1302, 13.3995**, and if you desaturate by 10%, it is **40.3279, 39.5726, 25.5579**.

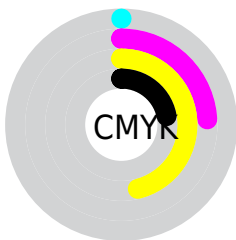
Distribution



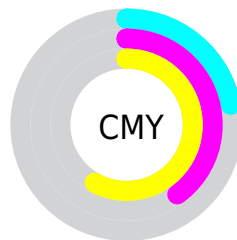
- Red (78%)
- Green (60%)
- Blue (42%)



- Red (78%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4353, 35.6601, 18.8200 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 37.4353, 35.6601, 18.8200 by changing the saturation by 10% instead.


 37.4353, 35.6601,
18.8200


 37.4353, 35.6601,
18.8200


326.5142,
327.4725, 257.8428

 25.7199, 24.1718,
11.3648


 70.5513, 68.5071,
42.2624


 16.7458, 15.4611,
6.1955


 92.6826, 90.6346,
59.0866

 10.1476, 9.1436,
2.8936


 119.0166,
117.0773, 79.8709

 5.5600, 4.8350,
1.0406

 149.9186,
148.2196, 105.0339

 2.6175, 2.1508,
0.0000

185.7540,
184.4459, 134.9940

 0.9549, 0.6930,
0.0000

226.8882,

 0.0000, 0.0000,

226.1405, 170.1698

0.0000

273.6865,
273.6879, 210.9799

■ 37.4353, 35.6601,
18.8200

■ 37.4353, 35.6601,
18.8200

■ 34.9268, 32.1302,
13.3995

■ 40.3279, 39.5726,
25.5579

■ 32.7795, 28.9641,
9.2049

■ 43.6206, 43.8755,
33.6920

■ 30.9718, 26.1486,
6.1361

■ 47.3315, 48.5827,
43.2976

■ 29.4777, 23.6671,
4.0760

■ 51.4766, 53.7056,
54.4436

■ 28.2653, 21.5005,
2.8757

■ 56.0711, 59.2554,
67.1947

■ 27.8599, 20.7556,
2.5379

■ 61.1295, 65.2424,
81.6120

■ 66.6653, 71.6769,
97.7532

■ 70.8351, 77.8259,
105.8962

■ 73.8017, 83.7591,
106.8851

Harmonies

Analogous

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



41.7622, 35.6601, 24.3843



37.4353, 35.6601, 18.8200



32.5172, 35.6601, 17.8755

Triad

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



37.4353, 35.6601, 18.8200



25.4457, 35.6601, 42.9637



40.0782, 35.6601, 63.8214

Complementary

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



37.4353, 35.6601, 18.8200



27.9275, 30.3595, 58.4209

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.



35.3088, 35.6601, 71.8741



37.4353, 35.6601, 18.8200



27.0816, 35.6601, 58.0779

Square

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



37.4353, 35.6601, 18.8200



25.8975, 35.6601, 29.8221



30.5831, 35.6601, 69.5521



43.3870, 35.6601, 49.4852

Rectangle

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



37.4353, 35.6601, 18.8200



29.6074, 35.6601, 19.7039



30.5831, 35.6601, 69.5521



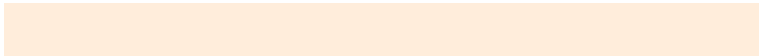
38.5753, 35.6601, 67.4922

Sweetspot

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



37.4362, 35.6618, 18.8207



84.2815, 86.8219, 79.5413



34.6884, 25.0088, 33.8045



17.7143, 18.1771, 16.1629



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.



37.4362, 35.6618, 18.8207



61.3274, 56.5065, 23.8189



46.2795, 53.3485, 21.7685



11.0550, 11.4792, 11.1958



18.0017, 13.5206, 1.6609



0.9248, 0.7851, 0.1028

Inverse Universe

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



27.9275, 30.3595, 58.4209



42.7292, 46.1316, 101.2600



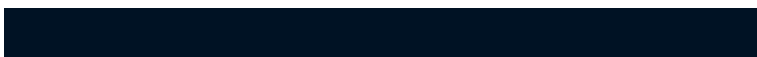
21.7916, 18.0878, 56.3756



10.4971, 11.1683, 13.5199



9.7502, 8.8943, 35.9472



0.5340, 0.5659, 1.7262

Previews

White Background



This preview shows how the XYZ color 37.4353, 35.6601, 18.8200 looks on a white background.

Color Contrast Check

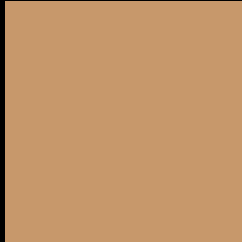
Large Text (above 18pt) WCAG AA × Fail

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 37.4353, 35.6601, 18.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

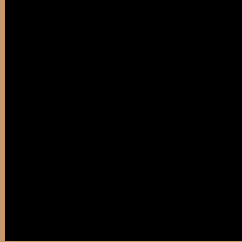
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4353, 35.6601, 18.8200

Background



This preview shows how black text looks on a background with the XYZ color 37.4353, 35.6601, 18.8200.



This preview shows how white text looks on a background with the XYZ color 37.4353, 35.6601,

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

37.4353, 35.6601, 18.8200

Protanopia

33.2933, 35.7514, 20.1849

Deuteranopia

36.4576, 35.6421, 18.8680



Tritanopia

41.2665, 35.8295, 36.6391

Trichromacy



Original Color

37.4353, 35.6601, 18.8200

Protanomaly

34.8085, 35.7699, 19.8215

Deuteranomaly

36.8100, 35.5798, 18.8374

Tritanomaly

39.6072, 35.6004, 29.2101

Monochromacy



Original Color

37.4353, 35.6601, 18.8200

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7138, 35.4908, 30.2201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4353, 35.6601, 18.8200 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, 152, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 152, 107)  
}
```

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, 152, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 152, 107) }
```

Border

The CSS property to change the border of an element to XYZ 37.4353, 35.6601, 18.8200 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, 152, 107) }
```


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

```
.border{ border-color:rgb(199, 152, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 152, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 152, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 152, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 152,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4353, 35.6601, 18.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 152, 107) }
```

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

```
.background{ background-color: rgb(199,  
152, 107) }
```

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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