

Converting Colors

XYZ(37.7515, 37.3235, 18.3111)

Have a look what the booklet for
XYZ(37.7515, 37.3235, 18.3111)
contains.

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Color

**XYZ(37.7515, 37.3235,
18.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	C59E68
RGB	197, 158, 104
RGB Percent	77%, 62%, 41%
CMY	0.2275, 0.3804, 0.5922
CMYK	0.00, 0.20, 0.47, 0.23
HSL	35°, 44%, 59%
HSV	35°, 47%, 77%
XYZ	37.7515, 37.3235, 18.3111
YIQ	163.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

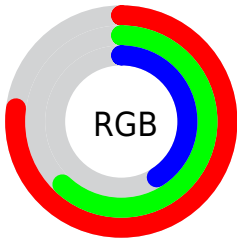
Format	Color
RYB	171, 197, 104
Decimal	12951144
CIELab	67.52, 7.54, 33.60
CIELCh	68, 34.440, 77.350
Yxy	37.3235, 0.4043, 0.3997
Android (android.graphics.Color)	4291141224 (0xFFC59E68)
YUV	163.5050, -29.3360, 29.3751
Hunter-Lab	61.0930, 3.3888, 24.9944

Details

The XYZ color **37.7515, 37.3235, 18.3111** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.6090, 26.6181, 56.6113**, and the grayscale version is **35.1736, 37.0053, 40.2988**.

A 20% lighter version of the original color is **71.0350, 71.2488, 41.4609**, and **16.9318, 16.4539, 5.8980** is the 20% darker color. If you saturate the color by 10%, you get **35.5037, 34.2465, 13.1886**, and if you desaturate by 10%, it is **40.3297, 40.6870, 24.6977**.

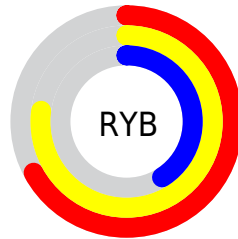
Distribution



Red (77%)

Green (62%)

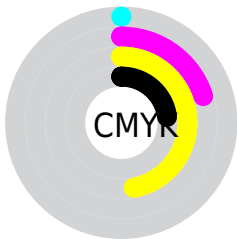
Blue (41%)



Red (67%)

Yellow (77%)

Blue (41%)

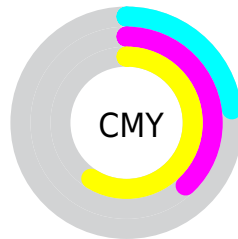


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7515, 37.3235, 18.3111 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 37.7515, 37.3235, 18.3111 by changing the saturation by 10% instead.

37.7515, 37.3235,
18.3111

37.7515, 37.3235,
18.3111

327.8521,
334.7090, 254.9135

25.9662, 25.4581,
11.0018

71.0334, 71.0700,
41.3878

16.9309, 16.4187,
5.9539

93.2608, 93.7200,
57.9923

10.2802, 9.8209,
2.7487

119.6996,
120.7335, 78.5323

5.6489, 5.2804,
0.9678

150.7152,
152.4950, 103.4263

2.6714, 2.4127,
0.0000

186.6728,
189.3889, 133.0929

0.9825, 0.8324,
0.0000

227.9380,

0.0000, 0.0000,

231.7996, 167.9506

0.0000

274.8759,
280.1115, 208.4180

■ 37.7515, 37.3235,
18.3111

■ 37.7515, 37.3235,
18.3111

■ 35.5037, 34.2465,
13.1886

■ 40.3297, 40.6870,
24.6977

■ 33.5650, 31.4403,
9.2402

■ 43.2521, 44.3413,
32.4255

■ 31.9159, 28.8955,
6.3679

■ 46.5353, 48.2971,
41.5676

■ 30.5326, 26.5995,
4.4561

■ 50.1934, 52.5628,
52.1916

■ 29.3829, 24.5360,
3.3453

■ 54.2401, 57.1465,
64.3605

■ 29.0881, 23.9946,
3.0983

■ 58.6882, 62.0559,
78.1337

■ 63.5497, 67.2984,
93.5673

■ 67.7551, 72.4487,
105.0207

■ 70.0305, 76.9996,
105.7791

Harmonies

Analogous

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



42.8296, 37.3235, 22.7440



37.7515, 37.3235, 18.3111



32.5245, 37.3235, 18.6773

Triad

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



37.7515, 37.3235, 18.3111



26.6172, 37.3235, 49.9693



43.5026, 37.3235, 63.7682

Complementary

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



37.7515, 37.3235, 18.3111



25.6090, 26.6181, 56.6113

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.



38.5985, 37.3235, 75.3077



37.7515, 37.3235, 18.3111



29.0143, 37.3235, 66.0791

Square

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



37.7515, 37.3235, 18.3111



26.4392, 37.3235, 34.5821



33.2917, 37.3235, 76.2454



46.3652, 37.3235, 47.3646

Rectangle

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



37.7515, 37.3235, 18.3111



29.6496, 37.3235, 21.5873



33.2917, 37.3235, 76.2454



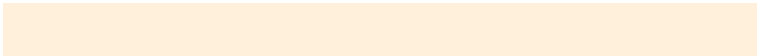
42.0172, 37.3235, 68.5044

Sweetspot

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



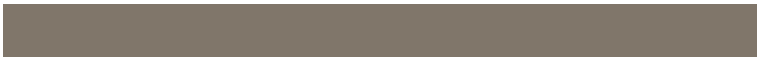
37.7524, 37.3253, 18.3118



85.2349, 88.7286, 79.8591



33.0334, 23.7941, 29.3579



17.9465, 18.6415, 16.2403



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.



37.7524, 37.3253, 18.3118



63.3393, 60.9858, 23.0852



43.9005, 51.9824, 20.8169



11.1368, 11.6428, 11.2231



19.2167, 15.9506, 2.0659



0.9804, 0.8962, 0.1213

Inverse Universe

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



25.6090, 26.6181, 56.6113



38.9237, 39.4860, 100.1778



21.4840, 17.2601, 55.0224



10.4160, 11.0061, 13.4929



8.7221, 6.8380, 35.6045



0.4843, 0.4663, 1.7096

Previews

White Background



This preview shows how the XYZ color 37.7515, 37.3235, 18.3111 looks on a white background.

Color Contrast Check

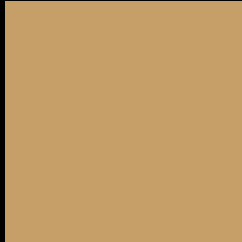
Large Text (above 18pt) WCAG AA × Fail

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 37.7515, 37.3235, 18.3111 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 37.7515, 37.3235, 18.3111

Background



This preview shows how black text looks on a background with the XYZ color 37.7515, 37.3235, 18.3111.



This preview shows how white text looks on a background with the XYZ color 37.7515, 37.3235,

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

37.7515, 37.3235, 18.3111

Protanopia

34.6994, 37.5555, 19.3300

Deuteranopia

38.1088, 37.2555, 18.2792



Tritanopia

41.9453, 37.2984, 39.1710

Trichromacy



Original Color

37.7515, 37.3235, 18.3111

Protanomaly

35.7715, 37.3204, 18.9539

Deuteranomaly

37.8444, 37.1192, 18.2668

Tritanomaly

40.1827, 37.3136, 30.2837

Monochromacy



Original Color

37.7515, 37.3235, 18.3111

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7073, 37.0238, 30.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7515, 37.3235, 18.3111 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(197, 158, 104)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 104)  
}
```

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(197, 158, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 104) }
```

Border

The CSS property to change the border of an element to XYZ 37.7515, 37.3235, 18.3111 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(197, 158, 104) }
```


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

```
.border{ border-color:rgb(197, 158, 104) }
```

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

Here you see how a box with a 4 pixel rgb(197, 158, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 104);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7515, 37.3235, 18.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 104) }
```

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

```
.background{ background-color: rgb(197,  
158, 104) }
```

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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