

Converting Colors

XYZ(37.8418, 36.5508, 21.2802)

Have a look what the booklet for
XYZ(37.8418, 36.5508, 21.2802)
contains.

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Color

**XYZ(37.8418, 36.5508,
21.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	C59B73
RGB	197, 155, 115
RGB Percent	77%, 61%, 45%
CMY	0.2275, 0.3921, 0.5490
CMYK	0.00, 0.21, 0.42, 0.23
HSL	29°, 41%, 61%
HSV	29°, 42%, 77%
XYZ	37.8418, 36.5508, 21.2802
YIQ	162.9980, 37.8720, -3.5360

Conversions

Conversions Part 2

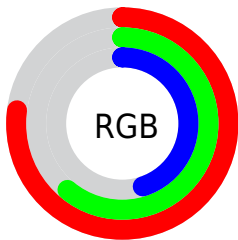
Format	Color
RYB	197, 193, 115
Decimal	12950387
CIELab	66.94, 10.34, 26.93
CIElCh	67, 28.848, 69.004
Yxy	36.5508, 0.3955, 0.3820
Android (android.graphics.Color)	4291140467 (0xFFC59B73)
YUV	162.9980, -23.6630, 29.8198
Hunter-Lab	60.4573, 5.9277, 21.4507

Details

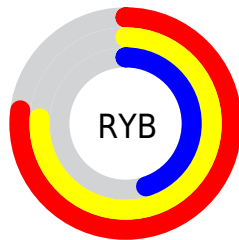
The XYZ color **37.8418, 36.5508, 21.2802** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.2048, 31.7888, 57.4198**, and the grayscale version is **34.9083, 36.7262, 39.9948**.

A 20% lighter version of the original color is **71.0155, 69.6509, 46.2603**, and **16.9182, 15.9567, 7.3425** is the 20% darker color. If you saturate the color by 10%, you get **35.2178, 32.9271, 15.3979**, and if you desaturate by 10%, it is **40.8502, 40.5555, 28.4866**.

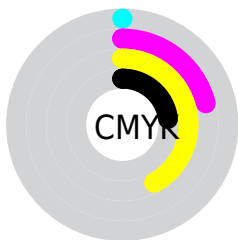
Distribution



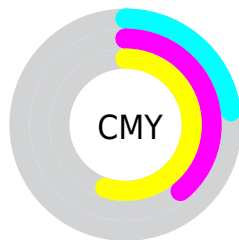
- Red (77%)
- Green (61%)
- Blue (45%)



- Red (77%)
- Yellow (76%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8418, 36.5508, 21.2802 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 37.8418, 36.5508, 21.2802 by changing the saturation by 10% instead.

■ 37.8418, 36.5508,
21.2802

■ 37.8418, 36.5508,
21.2802

328.2334,
331.3616, 271.5937

■ 26.0366, 24.8599,
13.1357

■ 71.1711, 69.8814,
46.4402

■ 16.9838, 15.9727,
7.3903

■ 93.4258, 92.2898,
64.2929

■ 10.3182, 9.5048,
3.6252

■ 119.8945,
119.0396, 86.2187

■ 5.6743, 5.0719,
1.4221

150.9423,
150.5150, 112.6361

■ 2.6868, 2.2895,
0.1588

186.9348,
187.1005, 143.9638

■ 0.9904, 0.7682,
0.0000

228.2373,

■ 0.0000, 0.0000,

229.1806, 180.6203

0.0000

275.2150,
277.1395, 223.0241

■ 37.8418, 36.5508,
21.2802

■ 37.8418, 36.5508,
21.2802

■ 35.2178, 32.9271,
15.3979

■ 40.8502, 40.5555,
28.4866

■ 32.9564, 29.6662,
10.7542

■ 44.2579, 44.9482,
37.0907

■ 31.0378, 26.7557,
7.2573


■ 48.0819, 49.7424,
47.1633

■ 29.4382, 24.1803,
4.8010


■ 52.3375, 54.9490,
58.7698


■ 28.1300, 21.9228,
3.2590


■ 57.0393, 60.5786,
71.9716

 27.2187, 20.2558,
2.4752

 62.2009, 66.6414,
86.8265

 67.8355, 73.1472,
103.3897

 70.9904, 78.9192,
106.0991

 73.9732, 84.8849,
107.0934

Harmonies

Analogous

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



41.6944, 36.5508, 26.4818



37.8418, 36.5508, 21.2802



33.4408, 36.5508, 20.4337

Triad

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



37.8418, 36.5508, 21.2802



27.0784, 36.5508, 43.6873



40.3069, 36.5508, 61.6025

Complementary

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



37.8418, 36.5508, 21.2802



29.2048, 31.7888, 57.4198

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.



36.0733, 36.5508, 68.6416



37.8418, 36.5508, 21.2802



28.6062, 36.5508, 56.9628

Square

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



37.8418, 36.5508, 21.2802



27.4654, 36.5508, 31.7763



31.8133, 36.5508, 66.7854



43.1985, 36.5508, 49.0666

Rectangle

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



37.8418, 36.5508, 21.2802



30.8201, 36.5508, 22.2304



31.8133, 36.5508, 66.7854



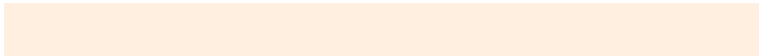
38.9799, 36.5508, 64.7981

Sweetspot

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



37.8427, 36.5525, 21.2809



85.7116, 88.5891, 83.3877



35.2740, 26.5790, 35.3341



18.1432, 18.7101, 17.3073



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.



37.8427, 36.5525, 21.2809



63.4524, 59.5033, 28.3909



45.7778, 52.4227, 23.9260



11.0539, 11.4769, 11.1954



17.9861, 13.4893, 1.6557



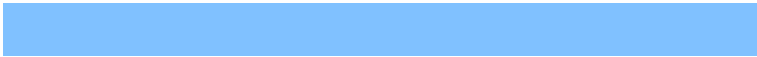
0.9241, 0.7836, 0.1026

Inverse Universe

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



29.2048, 31.7888, 57.4198



45.9024, 49.8212, 101.8049



23.4364, 20.2520, 55.4970



10.4983, 11.1706, 13.5203



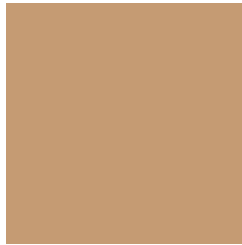
9.7667, 8.9274, 35.9528



0.5348, 0.5674, 1.7265

Previews

White Background



This preview shows how the XYZ color 37.8418, 36.5508, 21.2802 looks on a white background.

Color Contrast Check

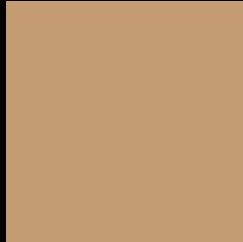
Large Text (above 18pt) WCAG AA × Fail

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 37.8418, 36.5508, 21.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

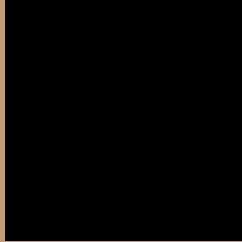
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8418, 36.5508, 21.2802

Background



This preview shows how black text looks on a background with the XYZ color 37.8418, 36.5508, 21.2802.



This preview shows how white text looks on a background with the XYZ color 37.8418, 36.5508,

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

37.8418, 36.5508, 21.2802

Protanopia

34.0464, 36.6164, 22.4128

Deuteranopia

37.2311, 36.4841, 21.2995



Tritanopia

41.1800, 36.4505, 38.1229

Trichromacy



Original Color

37.8418, 36.5508, 21.2802

Protanomaly

35.3101, 36.4932, 22.0125

Deuteranomaly

37.4887, 36.6168, 21.3115

Tritanomaly

39.9201, 36.4262, 31.3125

Monochromacy



Original Color

37.8418, 36.5508, 21.2802

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4383, 36.3309, 32.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8418, 36.5508, 21.2802 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, 155, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 115)  
}
```

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, 155, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 115) }
```

Border

The CSS property to change the border of an element to XYZ 37.8418, 36.5508, 21.2802 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, 155, 115) }
```


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

```
.border{ border-color:rgb(197, 155, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 115);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8418, 36.5508, 21.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 115) }
```

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

```
.background{ background-color: rgb(197,  
155, 115) }
```

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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