

Converting Colors

XYZ(37.5361, 38.1551, 21.5306)

Have a look what the booklet for
XYZ(37.5361, 38.1551, 21.5306)
contains.

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Color

**XYZ(37.5007, 38.1548,
21.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA273
RGB	191, 162, 115
RGB Percent	75%, 64%, 45%
CMY	0.2510, 0.3647, 0.5490
CMYK	0.00, 0.15, 0.40, 0.25
HSL	37°, 37%, 60%
HSV	37°, 40%, 75%
XYZ	37.5007, 38.1548, 21.6078
YIQ	165.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

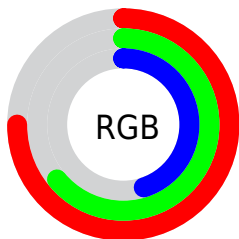
Format	Color
RYB	162, 191, 115
Decimal	12558963
CIELab	68.13, 4.07, 28.40
CIElCh	68, 28.692, 81.839
Yxy	38.1548, 0.3856, 0.3923
Android (android.graphics.Color)	4290749043 (0xFFBFA273)
YUV	165.3130, -24.8043, 22.5275
Hunter-Lab	61.7696, 0.2717, 22.4983

Details

The XYZ color **37.5007, 38.1548, 21.6078** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4472, 27.3521, 53.1758**, and the grayscale version is **36.0198, 37.8957, 41.2684**.

A 20% lighter version of the original color is **70.8548, 72.5555, 46.8294**, and **16.8212, 16.9965, 7.5483** is the 20% darker color. If you saturate the color by 10%, you get **35.2671, 35.2679, 15.9912**, and if you desaturate by 10%, it is **40.0384, 41.2851, 28.4500**.

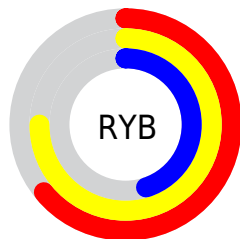
Distribution



Red (75%)

Green (64%)

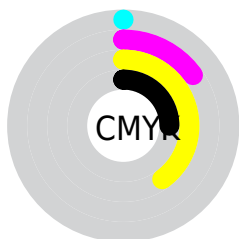
Blue (45%)



Red (64%)

Yellow (75%)

Blue (45%)

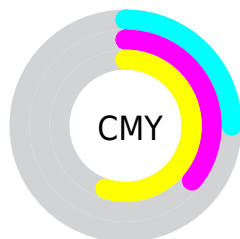


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5007, 38.1548, 21.6078 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 37.5007, 38.1548, 21.6078 by changing the saturation by 10% instead.

■ 37.5007, 38.1548,
21.6078

■ 37.5007, 38.1548,
21.6078

326.7912,
338.2836, 273.3776

■ 25.7708, 26.1029,
13.3734

■ 70.6510, 72.3453,
46.9908

■ 16.7841, 16.9006,
7.5525

■ 92.8022, 95.2527,
64.9765

■ 10.1750, 10.1636,
3.7263

■ 119.1579,
122.5474, 87.0497

■ 5.5783, 5.5076,
1.4764

150.0835,
154.6137, 113.6290

■ 2.6286, 2.5481,
0.2003

185.9442,
191.8361, 145.1328

■ 0.9606, 0.9006,
0.0000

227.1055,

■ 0.0000, 0.0000,

234.5989, 181.9799

0.0000

273.9327,
283.2866, 224.5886

■ 37.5007, 38.1548,
21.6078

■ 37.5007, 38.1548,
21.6078

■ 35.2671, 35.2679,
15.9912

■ 40.0384, 41.2851,
28.4500

■ 33.3192, 32.6110,
11.5230

■ 42.8914, 44.6612,
36.5843

■ 31.6411, 30.1770,
8.1204

■ 46.0740, 48.2919,
46.0747

■ 30.2134, 27.9560,
5.6887

■ 49.5984, 52.1842,
56.9807

■ 29.0136, 25.9369,
4.1159

■ 53.4762, 56.3443,
69.3580

■ 27.9998, 24.1007,
3.1877

■ 57.7187, 60.7787,
83.2594

■ 27.9795, 24.0636,
3.1701

■ 62.3362, 65.4932,
98.7348

■ 65.2083, 69.6413,
104.6130

■ 67.1663, 73.5572,
105.2657

Harmonies

Analogous

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



41.8477, 38.1548, 25.0191



37.5007, 38.1548, 21.6078



33.1562, 38.1548, 22.6055

Triad

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



37.5007, 38.1548, 21.6078



28.8474, 38.1548, 51.4059



43.4628, 38.1548, 58.7133

Complementary

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



37.5007, 38.1548, 21.6078



26.4472, 27.3521, 53.1758

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.



39.5622, 38.1548, 68.8853



37.5007, 38.1548, 21.6078



31.2022, 38.1548, 64.0982

Square

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



37.5007, 38.1548, 21.6078



28.3943, 38.1548, 38.1419



35.0567, 38.1548, 71.0360



45.4703, 38.1548, 45.1428

Rectangle

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



37.5007, 38.1548, 21.6078



30.8210, 38.1548, 25.7514



35.0567, 38.1548, 71.0360



42.3150, 38.1548, 62.7498

Sweetspot

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



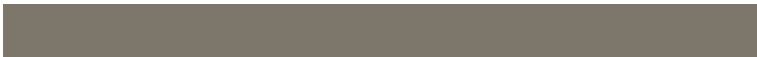
37.5017, 38.1566, 21.6086



81.0956, 84.8881, 78.2130



32.6611, 25.3560, 29.6122



17.6391, 18.4494, 16.6677



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5017, 38.1566, 21.6086



63.5515, 63.6785, 29.5790



41.0484, 48.4608, 23.4106



10.0082, 10.4923, 10.0744



18.4675, 15.9737, 2.1099



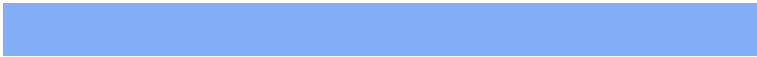
0.7847, 0.7484, 0.1031

Inverse Universe

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



26.4472, 27.3521, 53.1758



40.9590, 41.6156, 94.1530



23.8280, 20.2987, 51.9524



9.3068, 9.8060, 12.0744



7.8128, 5.7373, 33.0885



0.3696, 0.3520, 1.3173

Previews

White Background



This preview shows how the XYZ color 37.5007, 38.1548, 21.6078 looks on a white background.

Color Contrast Check

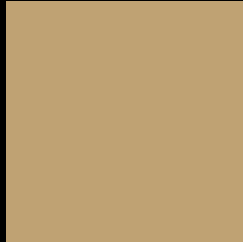
Large Text (above 18pt) WCAG AA × Fail

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 37.5007, 38.1548, 21.6078 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 37.5007, 38.1548, 21.6078

Background



This preview shows how black text looks on a background with the XYZ color 37.5007, 38.1548, 21.6078.



This preview shows how white text looks on a background with the XYZ color 37.5007, 38.1548,

21.6078.

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

37.5007, 38.1548, 21.6078

Protanopia

35.4375, 38.1405, 22.3237

Deuteranopia

38.8392, 38.0630, 21.8228



Tritanopia

41.4613, 37.9685, 41.7026

Trichromacy



Original Color

37.5007, 38.1548, 21.6078

Protanomaly

36.1360, 38.2385, 21.9992

Deuteranomaly

38.2289, 38.0047, 21.8438

Tritanomaly

39.8203, 38.0612, 33.2648

Monochromacy



Original Color

37.5007, 38.1548, 21.6078

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9975, 37.6562, 32.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5007, 38.1548, 21.6078 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(191, 162, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 162, 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(191, 162, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 162, 115) }
```

Border

The CSS property to change the border of an element to XYZ 37.5007, 38.1548, 21.6078 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(191, 162, 115) }
```


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

```
.border{ border-color:rgb(191, 162, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 162, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 162, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 162, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 162,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5007, 38.1548, 21.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 162, 115) }
```

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

```
.background{ background-color: rgb(191,  
162, 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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