

Converting Colors

XYZ(38.0553, 32.5647, 15.4702)

Have a look what the booklet for
XYZ(38.0553, 32.5647, 15.4702)
contains.

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Color

**XYZ(38.2547, 32.7514,
15.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	D48961
RGB	212, 137, 97
RGB Percent	83%, 54%, 38%
CMY	0.1686, 0.4627, 0.6196
CMYK	0.00, 0.35, 0.54, 0.17
HSL	21°, 57%, 61%
HSV	21°, 54%, 83%
XYZ	38.2547, 32.7514, 15.6147
YIQ	154.8650, 57.5400, 3.4600

Conversions

Conversions Part 2

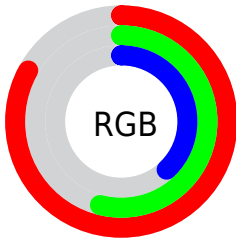
Format	Color
R_{YB}	212, 158, 97
Decimal	13928801
CIE _{Lab}	63.96, 24.51, 33.17
CIE _{LCh}	64, 41.248, 53.540
Yxy	32.7514, 0.4416, 0.3781
Android (android.graphics.Color)	4292118881 (0xFFD48961)
YUV	154.8650, -28.5274, 50.1074
Hunter-Lab	57.2288, 19.1681, 23.8831

Details

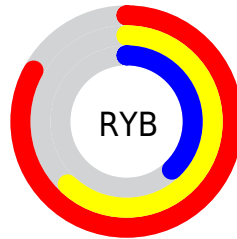
The XYZ color **38.2547, 32.7514, 15.6147** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5652, 36.7982, 67.7262**, and the grayscale version is **31.2011, 32.8260, 35.7475**.

A 20% lighter version of the original color is **65.2161, 60.6597, 36.2882**, and **17.2086, 13.7474, 4.6522** is the 20% darker color. If you saturate the color by 10%, you get **35.5543, 28.7268, 10.4723**, and if you desaturate by 10%, it is **41.4727, 37.3886, 22.2333**.

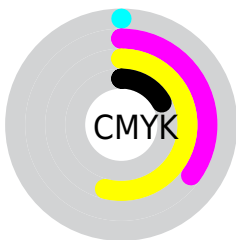
Distribution



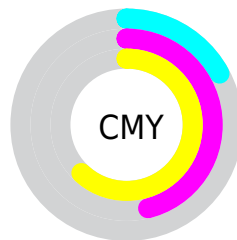
- Red (83%)
- Green (54%)
- Blue (38%)



- Red (83%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (17%)




- Cyan (17%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2547, 32.7514, 15.6147 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 38.2547, 32.7514, 15.6147 by changing the saturation by 10% instead.


 38.2547, 32.7514,
15.6147


 38.2547, 32.7514,
15.6147


329.9733,
314.5280, 238.8249

 26.3585, 21.9361,
9.1005


 71.7997, 63.9872,
36.6854


 17.2261, 13.8099,
4.7091


 94.1793, 85.1765,
52.0791

 10.4922, 7.9886,
2.0219


 120.7841,
110.5925, 71.2696

 5.7912, 4.0876,
0.5687

 151.9794,
140.6197, 94.6756

 2.7580, 1.7227,
0.0000

188.1307,
175.6425, 122.7156

 1.0271, 0.4383,
0.0000

229.6032,

 0.0000, 0.0000,

216.0452, 155.8081

0.0000

276.7622,
262.2122, 194.3717

■ 38.2547, 32.7514,
15.6147

■ 38.2547, 32.7514,
15.6147

■ 35.5543, 28.7268,
10.4723

■ 41.4727, 37.3886,
22.2333

■ 33.3380, 25.2823,
6.6874

■ 45.2341, 42.6592,
30.4301

■ 31.5716, 22.3893,
4.1261

■ 49.5655, 48.5888,
40.3004

■ 30.2140, 20.0142,
2.6250

■ 54.4912, 55.2002,
51.9311

■ 29.5833, 18.8610,
2.0813

■ 60.0339, 62.5149,
65.4032

■ 66.2150, 70.5534,
80.7925

■ 73.0548, 79.3356,
98.1707

■ 78.6480, 88.1104,
107.4696

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



42.5412, 32.7514, 24.3434



38.2547, 32.7514, 15.6147



32.4037, 32.7514, 12.3736

Triad

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



38.2547, 32.7514, 15.6147



21.2918, 32.7514, 32.1792



35.8098, 32.7514, 73.7918

Complementary

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



38.2547, 32.7514, 15.6147



31.5652, 36.7982, 67.7262

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.



29.8886, 32.7514, 77.8598



38.2547, 32.7514, 15.6147



21.9658, 32.7514, 50.0334

Square

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



38.2547, 32.7514, 15.6147



22.9776, 32.7514, 19.8205



24.9485, 32.7514, 68.0968



41.0114, 32.7514, 58.2652

Rectangle

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



38.2547, 32.7514, 15.6147



28.5851, 32.7514, 12.7156



24.9485, 32.7514, 68.0968



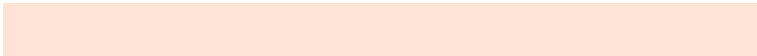
33.8200, 32.7514, 76.7103

Sweetspot

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



38.2555, 32.7530, 15.6153



81.2548, 81.8286, 75.2642



39.0337, 25.5897, 42.7564



17.0504, 17.0580, 15.2983



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.



38.2555, 32.7530, 15.6153



53.4733, 42.8247, 14.9540



48.3421, 52.9264, 18.9775



12.7730, 13.1203, 13.0200



18.3483, 11.8137, 1.3132



1.1830, 0.8651, 0.1046

Inverse Universe

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



31.5652, 36.7982, 67.7262



42.2376, 49.4437, 101.9252



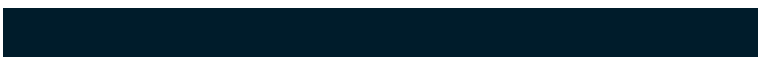
23.0783, 19.8244, 64.8973



12.4117, 13.3468, 15.8595



13.0664, 14.3946, 40.5429



0.8642, 1.0204, 2.4707

Previews

White Background



This preview shows how the XYZ color 38.2547, 32.7514, 15.6147 looks on a white background.

Color Contrast Check

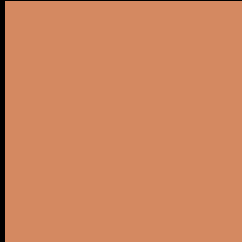
Large Text (above 18pt) WCAG AA × Fail

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 38.2547, 32.7514, 15.6147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

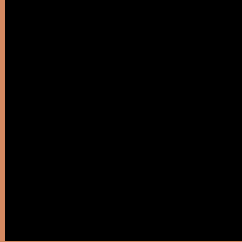
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2547, 32.7514, 15.6147

Background



This preview shows how black text looks on a background with the XYZ color 38.2547, 32.7514, 15.6147.



This preview shows how white text looks on a background with the XYZ color 38.2547, 32.7514,

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

38.2547, 32.7514, 15.6147

Protanopia

30.3685, 32.7670, 17.8208

Deuteranopia

33.3945, 32.6974, 15.3776



Tritanopia

40.9483, 32.6028, 29.3341

Trichromacy



Original Color

38.2547, 32.7514, 15.6147

Protanomaly

32.7060, 32.3097, 16.8245

Deuteranomaly

35.1105, 32.6614, 15.5201

Tritanomaly

39.8208, 32.5519, 23.5864

Monochromacy



Original Color

38.2547, 32.7514, 15.6147

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7975, 32.1311, 27.0276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2547, 32.7514, 15.6147 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(212, 137, 97)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 97)  
}
```

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(212, 137, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 97) }
```

Border

The CSS property to change the border of an element to XYZ 38.2547, 32.7514, 15.6147 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(212, 137, 97) }
```


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

```
.border{ border-color:rgb(212, 137, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 97);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2547, 32.7514, 15.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 97) }
```

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

```
.background{ background-color: rgb(212,  
137, 97) }
```

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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