

Converting Colors

XYZ(38.3701, 32.6901, 15.7739)

Have a look what the booklet for
XYZ(38.3701, 32.6901, 15.7739)
contains.

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Color

**XYZ(38.4493, 32.6363,
15.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	D58862
RGB	213, 136, 98
RGB Percent	84%, 53%, 38%
CMY	0.1647, 0.4666, 0.6157
CMYK	0.00, 0.36, 0.54, 0.16
HSL	20°, 58%, 61%
HSV	20°, 54%, 84%
XYZ	38.4493, 32.6363, 15.8282
YIQ	154.6910, 58.0900, 4.5060

Conversions

Conversions Part 2

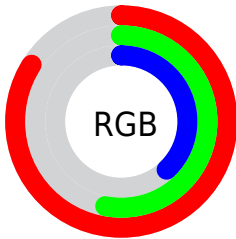
Format	Color
R _Y B	213, 155, 98
Decimal	13994082
CIE Lab	63.87, 25.54, 32.54
CIE LCh	64, 41.365, 51.869
Yxy	32.6363, 0.4424, 0.3755
Android (android.graphics.Color)	4292184162 (0xFFD58862)
YUV	154.6910, -27.9487, 51.1370
Hunter-Lab	57.1282, 20.1625, 23.5626

Details

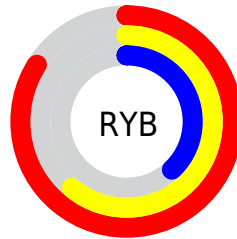
The XYZ color **38.4493, 32.6363, 15.8282** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3763, 38.0587, 68.5901**, and the grayscale version is **31.1215, 32.7422, 35.6563**.

A 20% lighter version of the original color is **65.0783, 60.2568, 36.6345**, and **17.3418, 13.6959, 4.7472** is the 20% darker color. If you saturate the color by 10%, you get **35.6977, 28.5343, 10.5922**, and if you desaturate by 10%, it is **41.7373, 37.3831, 22.5637**.

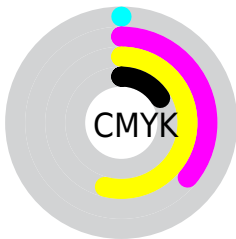
Distribution



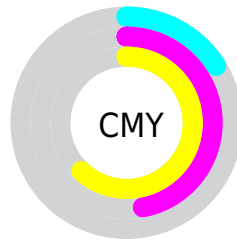
- Red (84%)
- Green (53%)
- Blue (38%)



- Red (84%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4493, 32.6363, 15.8282 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 38.4493, 32.6363, 15.8282 by changing the saturation by 10% instead.


 38.4493, 32.6363,
15.8282


 38.4493, 32.6363,
15.8282

330.7911,
314.0077, 240.1368


 26.5104, 21.8480,
9.2496


 72.0957, 63.8073,
37.0623


 17.3405, 13.7452,
4.8053


 94.5340, 84.9587,
52.5550

 10.5744, 7.9437,
2.0768


 121.2027,
110.3333, 71.8560

 5.8466, 4.0589,
0.6019

 152.4673,
140.3155, 95.3841

 2.7918, 1.7066,
0.0000

188.6930,
175.2896, 123.5576

 1.0446, 0.4279,
0.0000

230.2454,

 0.0000, 0.0000,

215.6401, 156.7953

0.0000

277.4896,
261.7513, 195.5155

■ 38.4493, 32.6363,
15.8282

■ 38.4493, 32.6363,
15.8282

■ 35.6977, 28.5343,
10.5922

■ 41.7373, 37.3831,
22.5637

■ 33.4480, 25.0425,
6.7359

■ 45.5886, 42.7974,
30.9020

■ 31.6646, 22.1302,
4.1237

■ 50.0309, 48.9065,
40.9394

■ 30.3051, 19.7613,
2.5911

■ 55.0894, 55.7349,
52.7640

■ 29.6552, 18.5756,
2.0225

■ 60.7876, 63.3056,
66.4577

■ 67.1479, 71.6407,
82.0974

■ 74.1913, 80.7613,
99.7556

■ 79.7045, 89.7943,
107.7389

■ 81.2504, 92.8861,
108.2542

Harmonies

Analogous

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



42.5975, 32.6363, 24.8915



38.4493, 32.6363, 15.8282



32.6284, 32.6363, 12.3258

Triad

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



38.4493, 32.6363, 15.8282



21.2146, 32.6363, 31.1957



35.3743, 32.6363, 74.3112

Complementary

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



38.4493, 32.6363, 15.8282



32.3763, 38.0587, 68.5901

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.



29.4650, 32.6363, 77.6009



38.4493, 32.6363, 15.8282



21.7566, 32.6363, 48.8489

Square

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



38.4493, 32.6363, 15.8282



23.0291, 32.6363, 19.2024



24.6149, 32.6363, 67.1477



40.6733, 32.6363, 59.2040

Rectangle

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



38.4493, 32.6363, 15.8282



28.7763, 32.6363, 12.5058



24.6149, 32.6363, 67.1477



33.3771, 32.6363, 76.9919

Sweetspot

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



38.4501, 32.6379, 15.8288



81.0596, 81.4382, 75.1992



39.7026, 26.0394, 44.3111



17.0042, 16.9656, 15.2829



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.



38.4501, 32.6379, 15.8288



53.0311, 41.9403, 14.8066



48.4764, 52.6905, 19.1709



12.7552, 13.0845, 13.0140



18.1986, 11.5145, 1.2633



1.1725, 0.8441, 0.1011

Inverse Universe

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



32.3763, 38.0587, 68.5901



42.8998, 50.7680, 102.1459



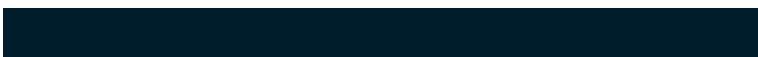
23.6542, 20.6145, 65.6827



12.4303, 13.3840, 15.8657



13.3975, 15.0567, 40.6533



0.8824, 1.0569, 2.4768

Previews

White Background



This preview shows how the XYZ color 38.4493, 32.6363, 15.8282 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 38.4493, 32.6363, 15.8282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

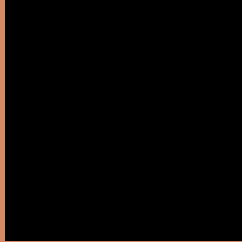
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4493, 32.6363, 15.8282

Background



This preview shows how black text looks on a background with the XYZ color 38.4493, 32.6363, 15.8282.



This preview shows how white text looks on a background with the XYZ color 38.4493, 32.6363,

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

38.4493, 32.6363, 15.8282

Protanopia

30.4713, 32.8081, 18.3623

Deuteranopia

33.4403, 32.7157, 15.6186



Tritanopia

41.1688, 32.7250, 28.9577

Trichromacy



Original Color

38.4493, 32.6363, 15.8282

Protanomaly

32.8053, 32.3494, 17.3470

Deuteranomaly

35.1569, 32.6799, 15.7641

Tritanomaly

40.1135, 32.7028, 23.6001

Monochromacy



Original Color

38.4493, 32.6363, 15.8282

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 38.4493, 32.6363, 15.8282 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(213, 136, 98)` looks like.

```
.text, #text, p{  
    color:rgb(213, 136, 98)  
}
```

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(213, 136, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 136, 98) }
```

Border

The CSS property to change the border of an element to XYZ 38.4493, 32.6363, 15.8282 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(213, 136, 98) }
```


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

```
.border{ border-color:rgb(213, 136, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 136, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 136, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 136, 98);  
box-shadow:4px 4px 4px 4px rgb(213, 136,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4493, 32.6363, 15.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 136, 98) }
```

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

```
.background{ background-color: rgb(213,  
136, 98) }
```

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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