

Converting Colors

XYZ(38.6957, 32.4844, 24.8679)

Have a look what the booklet for
XYZ(38.6957, 32.4844, 24.8679)
contains.

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Color

**XYZ(38.7790, 32.6032,
25.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	D08881
RGB	208, 136, 129
RGB Percent	82%, 53%, 51%
CMY	0.1843, 0.4666, 0.4941
CMYK	0.00, 0.35, 0.38, 0.18
HSL	5°, 46%, 66%
HSV	5°, 38%, 82%
XYZ	38.7790, 32.6032, 25.0180
YIQ	156.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

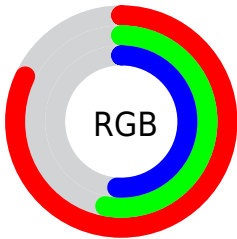
Format	Color
R _Y B	208, 137, 129
Decimal	13666433
CIE Lab	63.84, 26.71, 15.15
CIE LCh	64, 30.711, 29.568
Yxy	32.6032, 0.4023, 0.3382
Android (android.graphics.Color)	4291856513 (0xFFD08881)
YUV	156.7300, -13.6709, 44.9638
Hunter-Lab	57.0992, 21.3049, 13.9916

Details

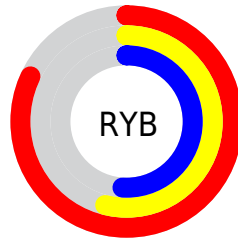
The XYZ color **38.7790, 32.6032, 25.0180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3241, 50.9923, 67.3389**, and the grayscale version is **31.9725, 33.6376, 36.6313**.

A 20% lighter version of the original color is **68.0970, 61.4643, 52.5307**, and **17.4590, 13.6555, 9.3050** is the 20% darker color. If you saturate the color by 10%, you get **35.0970, 27.2311, 17.6498**, and if you desaturate by 10%, it is **43.2163, 39.0353, 34.0270**.

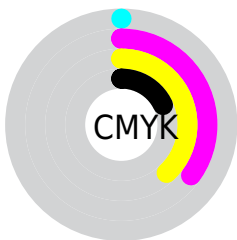
Distribution



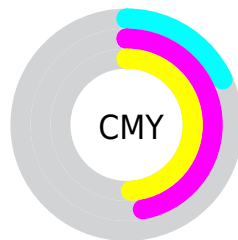
- Red (82%)
- Green (53%)
- Blue (51%)



- Red (82%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7790, 32.6032, 25.0180 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 38.7790, 32.6032, 25.0180 by changing the saturation by 10% instead.


 38.7790, 32.6032,
25.0180


 38.7790, 32.6032,
25.0180


332.1733,
313.8579, 291.3781


 26.7678, 21.8226,
15.8713


 72.5968, 63.7555,
52.6509

 17.5346, 13.7266,
9.2798


 95.1341, 84.8961,
71.9742

 10.7140, 7.9308,
4.8248


 121.9109,
110.2588, 95.5268

 5.9408, 4.0507,
2.0879

153.2924,
140.2280, 123.7273

 2.8494, 1.7020,
0.6086

189.6441,
175.1881, 156.9941

 1.0746, 0.4249,
0.0000

231.3312,

 0.0037, 0.0000,

215.5235, 195.7458

0.0000

278.7192,
261.6187, 240.4009

■ 0.0000, 0.0000,
0.0000

■ 38.7790, 32.6032,
25.0180

■ 38.7790, 32.6032,
25.0180

■ 35.0970, 27.2311,
17.6498

■ 43.2163, 39.0353,
34.0270

■ 32.1256, 22.8576,
11.8217

■ 48.4451, 46.5750,
44.7655

■ 29.8196, 19.4223,
7.4249

■ 54.5024, 55.2728,
57.3180

■ 28.1271, 16.8565,
4.3354

■ 61.4220, 65.1747,
71.7630

■ 26.9887, 15.0817,
2.4084

■ 69.2360, 76.3241,
88.1743

■ 26.3275, 14.0033,
1.4359

■ 77.9747, 88.7625,
106.6220

■ 26.2359, 13.8570,
1.2919

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



40.0470, 32.6032, 35.6788



38.7790, 32.6032, 25.0180



35.3835, 32.6032, 18.7007

Triad

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



38.7790, 32.6032, 25.0180



24.3712, 32.6032, 24.7731



30.9259, 32.6032, 64.9542

Complementary

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



38.7790, 32.6032, 25.0180



41.3241, 50.9923, 67.3389

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.



26.9732, 32.6032, 60.1802



38.7790, 32.6032, 25.0180



23.4105, 32.6032, 35.3205

Square

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



38.7790, 32.6032, 25.0180



27.0720, 32.6032, 18.5841



24.3180, 32.6032, 48.5623



35.2653, 32.6032, 60.4352

Rectangle

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



38.7790, 32.6032, 25.0180



32.5150, 32.6032, 16.8839



24.3180, 32.6032, 48.5623



29.5103, 32.6032, 64.3695

Sweetspot

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



38.7798, 32.6048, 25.0186



83.2387, 83.0841, 84.2866



44.4545, 33.3473, 59.6093



17.5300, 17.3722, 17.4465



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.



38.7798, 32.6048, 25.0186



56.4115, 44.2977, 29.5081



45.3211, 45.6874, 27.1991



11.8918, 11.9743, 12.2965



16.3821, 8.6973, 0.8153



0.9458, 0.5458, 0.0555

Inverse Universe

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



41.3241, 50.9923, 67.3389



61.0129, 77.6603, 106.3820



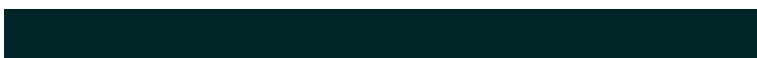
33.3443, 35.0327, 64.6790



12.0650, 13.2203, 15.1595



18.5489, 25.7445, 41.1840



1.0640, 1.4932, 2.3117

Previews

White Background



This preview shows how the XYZ color 38.7790, 32.6032, 25.0180 looks on a white background.

Color Contrast Check

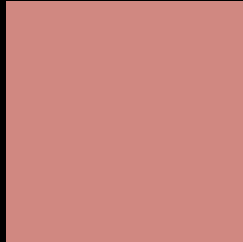
Large Text (above 18pt) WCAG AA × Fail

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 38.7790, 32.6032, 25.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

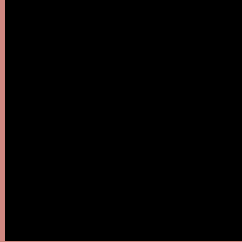
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7790, 32.6032, 25.0180

Background



This preview shows how black text looks on a background with the XYZ color 38.7790, 32.6032, 25.0180.



This preview shows how white text looks on a background with the XYZ color 38.7790, 32.6032,

25.0180.

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

38.7790, 32.6032, 25.0180

Protanopia

31.2091, 32.9590, 28.7616

Deuteranopia

33.4006, 32.7305, 24.6359



Tritanopia

39.8536, 32.6191, 30.5812

Trichromacy



Original Color

38.7790, 32.6032, 25.0180

Protanomaly

33.5535, 32.5128, 27.4288

Deuteranomaly

35.1047, 32.4522, 24.8358

Tritanomaly

39.6187, 32.7473, 28.6588

Monochromacy



Original Color

38.7790, 32.6032, 25.0180

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.9184, 32.8316, 32.1532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7790, 32.6032, 25.0180 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(208, 136, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 136, 129)  
}
```

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(208, 136, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 136, 129) }
```

Border

The CSS property to change the border of an element to XYZ 38.7790, 32.6032, 25.0180 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(208, 136, 129) }
```


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

```
.border{ border-color:rgb(208, 136, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 136, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 136, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 136, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 136,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7790, 32.6032, 25.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 136, 129) }
```

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

```
.background{ background-color: rgb(208,  
136, 129) }
```

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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