

Converting Colors

XYZ(44.0570, 38.4303, 25.3460)

Have a look what the booklet for
XYZ(44.0570, 38.4303, 25.3460)
contains.

XYZ(44.0160, 38.4313, 25.5202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.0160, 38.4313,
25.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9680
RGB	219, 150, 128
RGB Percent	86%, 59%, 50%
CMY	0.1412, 0.4117, 0.4980
CMYK	0.00, 0.32, 0.42, 0.14
HSL	15°, 56%, 68%
HSV	15°, 42%, 86%
XYZ	44.0160, 38.4313, 25.5202
YIQ	168.1230, 48.1860, 7.7860

Conversions

Conversions Part 2

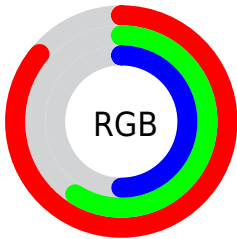
Format	Color
R_{YB}	219, 157, 128
Decimal	14390912
CIE _{Lab}	68.34, 23.31, 22.10
CIE _{LCh}	68, 32.122, 43.466
Yxy	38.4313, 0.4077, 0.3560
Android (android.graphics.Color)	4292580992 (0xFFDB9680)
YUV	168.1230, -19.7806, 44.6191
Hunter-Lab	61.9930, 18.2501, 18.9876

Details

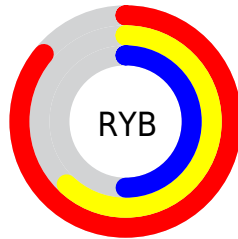
The XYZ color **44.0160, 38.4313, 25.5202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6535, 49.6340, 74.4025**, and the grayscale version is **37.3583, 39.3038, 42.8019**.

A 20% lighter version of the original color is **71.4118, 68.2588, 53.1275**, and **20.7734, 17.1696, 9.6163** is the 20% darker color. If you saturate the color by 10%, you get **40.2627, 32.9880, 17.9086**, and if you desaturate by 10%, it is **48.4578, 44.7537, 34.8969**.

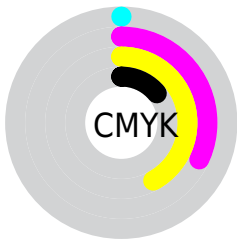
Distribution



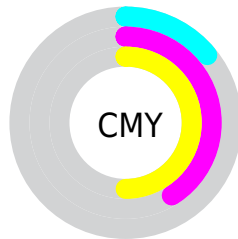
- Red (86%)
- Green (59%)
- Blue (50%)



- Red (86%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0160, 38.4313, 25.5202 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 44.0160, 38.4313, 25.5202 by changing the saturation by 10% instead.

 44.0160, 38.4313,
25.5202


 44.0160, 38.4313,
25.5202


353.6247,
339.4665, 293.9489

 30.8811, 26.3176,
16.2425


 80.4880, 72.7687,
53.4744

 20.6597, 17.0614,
9.5397


 104.5558, 95.7612,
72.9881

 12.9865, 10.2783,
4.9933


 132.9986,
123.1488, 96.7507

 7.4962, 5.5838,
2.1846

166.1817,
155.3159, 125.1810

 3.8234, 2.5937,
0.6655

204.4705,
192.6468, 158.6974

 1.6027, 0.9235,
0.0000

248.2304,

 0.3942, 0.0000,

235.5259, 197.7185

0.0000

297.8266,
284.3377, 242.6628

■ 0.0000, 0.0000,
0.0000

■ 44.0160, 38.4313,
25.5202

■ 44.0160, 38.4313,
25.5202

■ 40.2627, 32.9880,
17.9086

■ 48.4578, 44.7537,
34.8969

■ 37.1592, 28.3787,
11.9481

■ 53.6184, 51.9865,
46.1381

■ 34.6668, 24.5626,
7.5148


■ 59.5297, 60.1663,
59.3389


■ 32.7417, 21.4930,
4.4664


■ 66.2208, 69.3260,
74.5868

■ 31.3329, 19.1178,
2.6327

■ 73.7193, 79.4970,
91.9643

 30.4844, 17.6023,
1.7909

 81.3345, 90.4224,
107.7742

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



46.7771, 38.4313, 35.7139



44.0160, 38.4313, 25.5202



39.3534, 38.4313, 20.4927

Triad

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



44.0160, 38.4313, 25.5202



28.0092, 38.4313, 34.4388



38.8294, 38.4313, 75.0233

Complementary

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



44.0160, 38.4313, 25.5202



41.6535, 49.6340, 74.4025

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.



33.8408, 38.4313, 74.4575



44.0160, 38.4313, 25.5202



27.8969, 38.4313, 48.6408

Square

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



44.0160, 38.4313, 25.5202



30.2633, 38.4313, 24.7725



29.9410, 38.4313, 63.9683



43.6021, 38.4313, 65.3719

Rectangle

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



44.0160, 38.4313, 25.5202



35.9456, 38.4313, 19.8193



29.9410, 38.4313, 63.9683



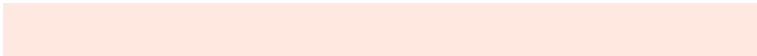
37.1163, 38.4313, 76.0785

Sweetspot

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



44.0170, 38.4332, 25.5210



83.5491, 84.2640, 82.6668



47.0988, 34.5652, 57.4745



17.6360, 17.6957, 17.1382



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.



44.0170, 38.4332, 25.5210



57.3869, 47.3723, 26.3691



52.5651, 55.5294, 28.3703



13.3105, 13.5603, 13.6414



18.1477, 10.5809, 1.0858



1.2430, 0.8202, 0.0928

Inverse Universe

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



41.6535, 49.6340, 74.4025



53.5781, 65.1726, 104.3634



32.9601, 32.2472, 71.5047



13.1642, 14.2682, 16.7123



15.7611, 19.3916, 42.6507



1.0864, 1.3868, 2.7849

Previews

White Background



This preview shows how the XYZ color 44.0160, 38.4313, 25.5202 looks on a white background.

Color Contrast Check

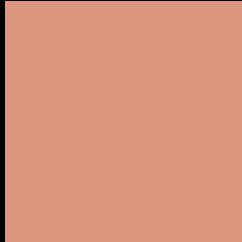
Large Text (above 18pt) WCAG AA × Fail

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 44.0160, 38.4313, 25.5202 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 44.0160, 38.4313, 25.5202

Background



This preview shows how black text looks on a background with the XYZ color 44.0160, 38.4313, 25.5202.



This preview shows how white text looks on a background with the XYZ color 44.0160, 38.4313,

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

44.0160, 38.4313, 25.5202

Protanopia

36.3941, 38.7621, 28.8562

Deuteranopia

39.3627, 38.5183, 25.0988



Tritanopia

46.4889, 38.5217, 36.8835

Trichromacy



Original Color

44.0160, 38.4313, 25.5202

Protanomaly

38.7167, 38.3897, 27.5597

Deuteranomaly

40.8961, 38.2884, 25.3136

Tritanomaly

45.4408, 38.3149, 32.1947

Monochromacy



Original Color

44.0160, 38.4313, 25.5202

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.9882, 38.3544, 35.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0160, 38.4313, 25.5202 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(219, 150, 128)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 128)  
}
```

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(219, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 128) }
```

Border

The CSS property to change the border of an element to XYZ 44.0160, 38.4313, 25.5202 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(219, 150, 128) }
```


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

```
.border{ border-color:rgb(219, 150, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0160, 38.4313, 25.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 128) }
```

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

```
.background{ background-color: rgb(219,  
150, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor