

Converting Colors

XYZ(40.9154, 38.2673, 25.4267)

Have a look what the booklet for
XYZ(40.9154, 38.2673, 25.4267)
contains.

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Color

**XYZ(40.8961, 38.2884,
25.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9C7F
RGB	205, 156, 127
RGB Percent	80%, 61%, 50%
CMY	0.1961, 0.3882, 0.5020
CMYK	0.00, 0.24, 0.38, 0.20
HSL	22°, 44%, 65%
HSV	22°, 38%, 80%
XYZ	40.8961, 38.2884, 25.3136
YIQ	167.3450, 38.5130, 1.3690

Conversions

Conversions Part 2

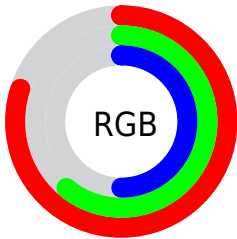
Format	Color
R _Y B	205, 173, 127
Decimal	13474943
CIE Lab	68.23, 14.40, 22.25
CIE LCh	68, 26.504, 57.090
Yxy	38.2884, 0.3914, 0.3664
Android (android.graphics.Color)	4291665023 (0xFFCD9C7F)
YUV	167.3450, -19.8901, 33.0234
Hunter-Lab	61.8776, 9.6882, 19.0593

Details

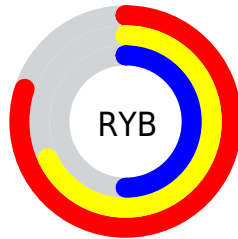
The XYZ color **40.8961, 38.2884, 25.3136** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2966, 39.9690, 63.6121**, and the grayscale version is **36.9806, 38.9065, 42.3691**.

A 20% lighter version of the original color is **72.7725, 71.1438, 53.0766**, and **18.8211, 17.0428, 9.5053** is the 20% darker color. If you saturate the color by 10%, you get **37.6463, 33.7137, 18.2960**, and if you desaturate by 10%, it is **44.6489, 43.4337, 33.8408**.

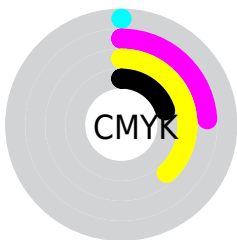
Distribution



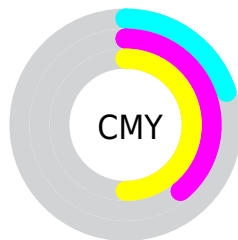
- Red (80%)
- Green (61%)
- Blue (50%)



- Red (80%)
- Yellow (68%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8961, 38.2884, 25.3136 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 40.8961, 38.2884, 25.3136 by changing the saturation by 10% instead.


 40.8961, 38.2884,
25.3136


 40.8961, 38.2884,
25.3136


340.9562,
338.8555, 292.8936


 28.4252, 26.2066,
16.0897


 75.8018, 72.5500,
53.1359

 18.7885, 16.9783,
9.4326

 98.9674, 95.4985,
72.5715

 11.6207, 10.2190,
4.9238


 126.4286,
122.8381, 96.2479

 6.5563, 5.5444,
2.1446

158.5508,
154.9531, 124.5839

 3.2300, 2.5701,
0.6422

195.6993,
192.2280, 157.9979

 1.2766, 0.9116,
0.0000

238.2394,

 0.1656, 0.0000,

235.0471, 196.9085

0.0000

286.5366,
283.7948, 241.7342

■ 0.0000, 0.0000,
0.0000

■ 40.8961, 38.2884,
25.3136

■ 40.8961, 38.2884,
25.3136

■ 37.6463, 33.7137,
18.2960

■ 44.6489, 43.4337,
33.8408

■ 34.8727, 29.6833,
12.6958

■ 48.9236, 49.1638,
43.9575

■ 32.5506, 26.1766,
8.4145

■ 53.7419, 55.4991,
55.7407

■ 30.6511, 23.1696,
5.3395

■ 59.1231, 62.4575,
69.2619

■ 29.1413, 20.6359,
3.3389

■ 65.0857, 70.0560,
84.5881

■ 27.9763, 18.5429,
2.2195

■ 71.6471, 78.3108,
101.7829

■ 27.7772, 18.1797,
2.0450

■ 76.2266, 86.1987,
107.2282

■ 78.9869, 91.7191,
108.1483

Harmonies

Analogous

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



43.9585, 38.2884, 32.1354



40.8961, 38.2884, 25.3136



36.7981, 38.2884, 22.7966

Triad

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



40.8961, 38.2884, 25.3136



28.9987, 38.2884, 40.5415



40.1433, 38.2884, 65.4906

Complementary

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



40.8961, 38.2884, 25.3136



35.2966, 39.9690, 63.6121

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.



35.9889, 38.2884, 68.8918



40.8961, 38.2884, 25.3136



29.7478, 38.2884, 52.9714

Square

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



40.8961, 38.2884, 25.3136



30.1029, 38.2884, 30.4774



32.2313, 38.2884, 63.9371



43.5011, 38.2884, 55.3609

Rectangle

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



40.8961, 38.2884, 25.3136



34.0998, 38.2884, 23.4572



32.2313, 38.2884, 63.9371



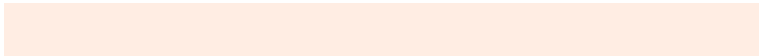
38.7846, 38.2884, 67.5333

Sweetspot

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



40.8971, 38.2902, 25.3144



85.4927, 87.5922, 85.0379



40.6426, 31.3087, 45.1835



18.0638, 18.4398, 17.6245



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.



40.8971, 38.2902, 25.3144



62.3944, 56.2636, 31.5025



48.4334, 53.3628, 27.8265



11.5483, 11.8856, 11.7649



17.3763, 11.4856, 1.3011



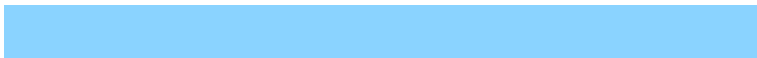
0.9686, 0.7370, 0.0912

Inverse Universe

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



35.2966, 39.9690, 63.6121



51.8709, 59.3761, 103.3346



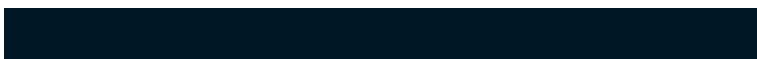
28.7748, 26.9255, 61.4382



11.1790, 11.9985, 14.2971



11.8220, 12.6679, 37.7783



0.6811, 0.7959, 1.9727

Previews

White Background



This preview shows how the XYZ color 40.8961, 38.2884, 25.3136 looks on a white background.

Color Contrast Check

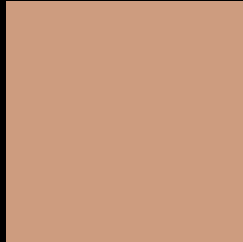
Large Text (above 18pt) WCAG AA × Fail

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 40.8961, 38.2884, 25.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

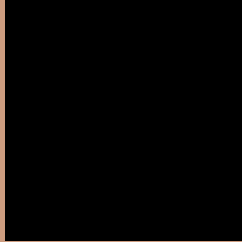
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8961, 38.2884, 25.3136

Background



This preview shows how black text looks on a background with the XYZ color 40.8961, 38.2884, 25.3136.



This preview shows how white text looks on a background with the XYZ color 40.8961, 38.2884,

25.3136.

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

40.8961, 38.2884, 25.3136

Protanopia

35.9325, 38.2855, 27.3258

Deuteranopia

39.1017, 38.3837, 25.0866



Tritanopia

43.9720, 38.3329, 39.7317

Trichromacy



Original Color

40.8961, 38.2884, 25.3136

Protanomaly

37.4431, 38.0172, 26.4837

Deuteranomaly

39.7172, 38.4447, 25.0659

Tritanomaly

42.9087, 38.3944, 34.0035

Monochromacy



Original Color

40.8961, 38.2884, 25.3136

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8207, 38.2851, 35.1022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8961, 38.2884, 25.3136 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(205, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 156, 127)  
}
```

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(205, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 156, 127) }
```

Border

The CSS property to change the border of an element to XYZ 40.8961, 38.2884, 25.3136 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(205, 156, 127) }
```


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

```
.border{ border-color:rgb(205, 156, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 156, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 156,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8961, 38.2884, 25.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 156, 127) }
```

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

```
.background{ background-color: rgb(205,  
156, 127) }
```

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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