

Converting Colors

XYZ(40.8898, 40.1317, 11.3854)

Have a look what the booklet for
XYZ(40.8898, 40.1317, 11.3854)
contains.

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Color

**XYZ(40.8898, 40.1317,
11.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A246
RGB	211, 162, 70
RGB Percent	83%, 64%, 27%
CMY	0.1726, 0.3647, 0.7255
CMYK	0.00, 0.23, 0.67, 0.17
HSL	39°, 62%, 55%
HSV	39°, 67%, 83%
XYZ	40.8898, 40.1317, 11.3854
YIQ	166.1630, 58.7360, -18.2240

Conversions

Conversions Part 2

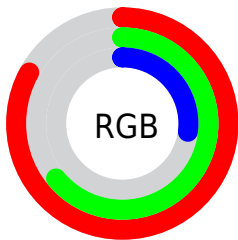
Format	Color
RYB	145, 211, 70
Decimal	13869638
CIELab	69.56, 8.65, 53.30
CIELCh	70, 53.996, 80.787
Yxy	40.1317, 0.4425, 0.4343
Android (android.graphics.Color)	4292059718 (0xFFD3A246)
YUV	166.1630, -47.4084, 39.3220
Hunter-Lab	63.3496, 4.3533, 33.6889

Details

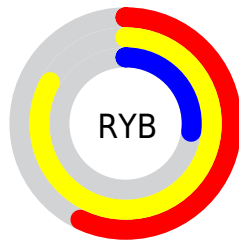
The XYZ color **40.8898, 40.1317, 11.3854** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **20.8802, 19.1982, 64.2329**, and the grayscale version is **36.5276, 38.4299, 41.8501**.

A 20% lighter version of the original color is **69.5657, 72.2908, 28.6994**, and **18.9006, 18.1729, 2.9270** is the 20% darker color. If you saturate the color by 10%, you get **39.0833, 37.4040, 8.0547**, and if you desaturate by 10%, it is **43.0074, 43.1076, 15.9746**.

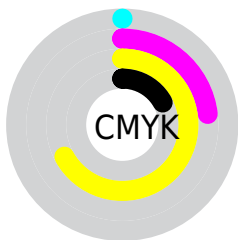
Distribution



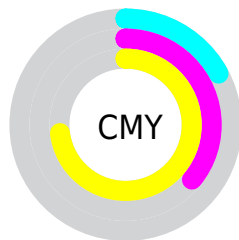
- Red (83%)
- Green (64%)
- Blue (27%)



- Red (57%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (67%)
- Black (17%)



- Cyan (17%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8898, 40.1317, 11.3854 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 40.8898, 40.1317, 11.3854 by changing the saturation by 10% instead.

40.8898, 40.1317,
11.3854

40.8898, 40.1317,
11.3854

340.9303,
346.6784, 211.1243

28.4203, 27.6412,
6.2093

75.7923, 75.3640,
29.0181

18.7848, 18.0554,
2.9019

98.9561, 98.8747,
42.3118

11.6180, 10.9898,
1.0448

126.4152,
126.8275, 59.1484

6.5544, 6.0600,
0.0000

158.5352,
159.6069, 79.9465

3.2289, 2.8816,
0.0000

195.6814,
197.5973, 105.1246

1.2759, 1.0702,
0.0000

238.2190,

0.1651, 0.0000,

241.1831, 135.1012

0.0000

286.5135,
290.7487, 170.2950

■ 0.0000, 0.0000,
0.0000

■ 40.8898, 40.1317,
11.3854

■ 40.8898, 40.1317,
11.3854

■ 39.0833, 37.4040,
8.0547

■ 43.0074, 43.1076,
15.9746

■ 37.5580, 34.9056,
5.8442

■ 45.4567, 46.3370,
21.9365

■ 36.2801, 32.6226,
4.5771

■ 48.2592, 49.8321,
29.3751

■ 35.9066, 31.9343,
4.2715

■ 51.4337, 53.6024,
38.3833

■ 54.9976, 57.6566,
49.0468

■ 58.9669, 62.0029,
61.4446

■ 63.3568, 66.6492,
75.6509

■ 68.1815, 71.6030,
91.7355

■ 72.6552, 76.5515,
105.5543

Harmonies

Analogous

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



49.7464, 40.1317, 16.0670



40.8898, 40.1317, 11.3854



32.5019, 40.1317, 12.4378

Triad

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



40.8898, 40.1317, 11.3854



24.5270, 40.1317, 63.0322



52.6528, 40.1317, 81.5915

Complementary

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



40.8898, 40.1317, 11.3854



20.8802, 19.1982, 64.2329

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.



44.4039, 40.1317, 105.6555



40.8898, 40.1317, 11.3854



28.5023, 40.1317, 92.4114

Square

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



40.8898, 40.1317, 11.3854



23.8813, 40.1317, 36.4557



35.5239, 40.1317, 110.2312



57.1866, 40.1317, 51.8379

Rectangle

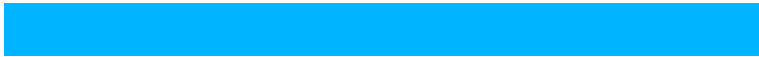
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.8898, 40.1317, 11.3854



28.2131, 40.1317, 16.5055



35.5239, 40.1317, 110.2312



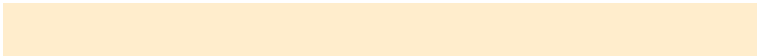
50.1682, 40.1317, 91.0232

Sweetspot

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



40.8907, 40.1337, 11.3862



82.5039, 86.3493, 69.4454



32.4051, 19.5698, 19.6331



17.3259, 18.1033, 13.8659



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.



40.8907, 40.1337, 11.3862



59.0016, 55.8272, 10.7980



45.5975, 57.9584, 14.5786



12.4433, 13.0772, 12.4804



21.7688, 19.4706, 2.6109



1.2898, 1.2340, 0.1702

Inverse Universe

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



20.8802, 19.1982, 64.2329



26.3608, 21.8150, 97.4291



18.2775, 11.3157, 62.8486



11.4948, 12.0799, 14.9695



8.6333, 5.9132, 37.8788



0.5562, 0.4776, 2.1424

Previews

White Background



This preview shows how the XYZ color 40.8898, 40.1317, 11.3854 looks on a white background.

Color Contrast Check

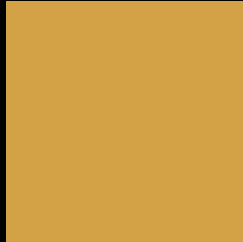
Large Text (above 18pt) WCAG AA × Fail

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 40.8898, 40.1317, 11.3854 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 40.8898, 40.1317, 11.3854

Background



This preview shows how black text looks on a background with the XYZ color 40.8898, 40.1317, 11.3854.



This preview shows how white text looks on a background with the XYZ color 40.8898, 40.1317,

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

40.8898, 40.1317, 11.3854

Protanopia

36.5307, 40.0361, 11.9333

Deuteranopia

40.8898, 40.1317, 11.3854



Tritanopia

46.8425, 40.0422, 40.3820

Trichromacy



Original Color

40.8898, 40.1317, 11.3854

Protanomaly

37.9820, 39.9627, 11.6729

Deuteranomaly

40.8898, 40.1317, 11.3854

Tritanomaly

43.9421, 39.8357, 26.4922

Monochromacy



Original Color

40.8898, 40.1317, 11.3854

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8433, 38.4940, 26.9610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8898, 40.1317, 11.3854 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(211, 162, 70)` looks like.

```
.text, #text, p{  
    color:rgb(211, 162, 70)  
}
```

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(211, 162, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 162, 70) }
```

Border

The CSS property to change the border of an element to XYZ 40.8898, 40.1317, 11.3854 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(211, 162, 70) }
```


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

```
.border{ border-color:rgb(211, 162, 70) }
```

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

Here you see how a box with a 4 pixel rgb(211, 162, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 162, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 162, 70);  
box-shadow:4px 4px 4px 4px rgb(211, 162,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8898, 40.1317, 11.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 162, 70) }
```

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

```
.background{ background-color: rgb(211,  
162, 70) }
```

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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