

Converting Colors

XYZ(41.7866, 40.6762, 31.6355)

Have a look what the booklet for
XYZ(41.7866, 40.6762, 31.6355)
contains.

XYZ(41.7866, 40.6762, 31.6355)	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(41.7866, 40.6762,
31.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A48F
RGB	199, 164, 143
RGB Percent	78%, 64%, 56%
CMY	0.2196, 0.3568, 0.4392
CMYK	0.00, 0.18, 0.28, 0.22
HSL	23°, 33%, 67%
HSV	23°, 28%, 78%
XYZ	41.7866, 40.6762, 31.6355
YIQ	172.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

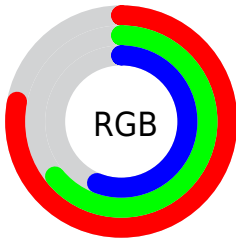
Format	Color
R_{YB}	199, 177, 143
Decimal	13083791
CIE Lab	69.95, 9.72, 15.72
CIE LCh	70, 18.486, 58.262
Yxy	40.6762, 0.3662, 0.3565
Android (android.graphics.Color)	4291273871 (0xFFC7A48F)
YUV	172.0710, -14.3320, 23.6167
Hunter-Lab	63.7779, 5.3400, 15.2351

Details

The XYZ color **41.7866, 40.6762, 31.6355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5565, 41.8028, 60.1224**, and the grayscale version is **39.3100, 41.3572, 45.0380**.

A 20% lighter version of the original color is **76.6496, 75.9543, 63.4441**, and **19.2716, 18.3079, 12.8740** is the 20% darker color. If you saturate the color by 10%, you get **38.2932, 35.8915, 23.6816**, and if you desaturate by 10%, it is **45.7673, 46.0069, 41.0720**.

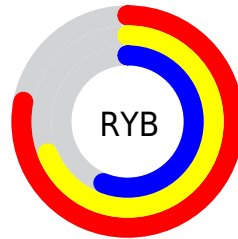
Distribution



Red (78%)

Green (64%)

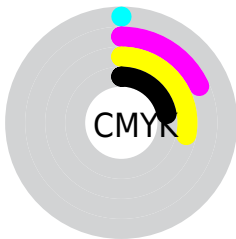
Blue (56%)



Red (78%)

Yellow (69%)

Blue (56%)

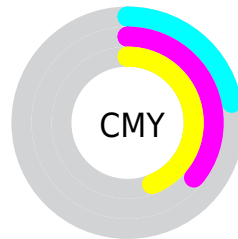


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7866, 40.6762, 31.6355 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 41.7866, 40.6762, 31.6355 by changing the saturation by 10% instead.


 41.7866, 40.6762,
31.6355


 41.7866, 40.6762,
31.6355


344.6042,
348.9655, 323.8969

 29.1246, 28.0662,
20.8207


 77.1437, 76.1921,
63.3305

 19.3199, 18.3755,
12.8031


 100.5696, 99.8668,
85.0478

 12.0070, 11.2199,
7.1639


128.3141,
127.9984, 111.2363

 6.8207, 6.2150,
3.4848

160.7427,
160.9715, 142.3147

 3.3955, 2.9762,
1.3472

198.2206,
199.1703, 178.7014

 1.3662, 1.1193,
0.1000

241.1133,

 0.2320, 0.0000,

242.9793, 220.8149

0.0000

289.7860,
292.7829, 269.0739

■ 0.0000, 0.0000,
0.0000

■ 41.7866, 40.6762,
31.6355

■ 41.7866, 40.6762,
31.6355

■ 38.2932, 35.8915,
23.6816

■ 45.7673, 46.0069,
41.0720

■ 35.2634, 31.6292,
17.1314

■ 50.2511, 51.8952,
52.0597

■ 32.6765, 27.8719,
11.9023

■ 55.2570, 58.3593,
64.6657

■ 30.5085, 24.5990,
7.9017

■ 60.8021, 65.4148,
78.9524

■ 28.7327, 21.7886,
5.0252

■ 66.9026, 73.0768,
94.9790

■ 27.3188, 19.4160,
3.1504

■ 72.3591, 80.8739,
106.4042

■ 26.2241, 17.4513,
2.0926

■ 76.1185, 88.3926,
107.6573

■ 26.0450, 17.1255,
1.9328

■ 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



43.9865, 40.6762, 36.8955



41.7866, 40.6762, 31.6355



38.8373, 40.6762, 29.7018

Triad

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



41.7866, 40.6762, 31.6355



33.1603, 40.6762, 43.7887



41.4672, 40.6762, 60.5517

Complementary

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



41.7866, 40.6762, 31.6355



37.5565, 41.8028, 60.1224

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.



38.4863, 40.6762, 63.0088



41.7866, 40.6762, 31.6355



33.7846, 40.6762, 52.6107

Square

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



41.7866, 40.6762, 31.6355



33.9453, 40.6762, 36.1300



35.6962, 40.6762, 59.9346



43.7955, 40.6762, 53.5933

Rectangle

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



41.7866, 40.6762, 31.6355



36.8761, 40.6762, 30.3401



35.6962, 40.6762, 59.9346



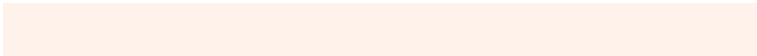
40.5036, 40.6762, 61.9682

Sweetspot

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



41.7877, 40.6781, 31.6363



88.0047, 90.8891, 91.1996



41.4589, 35.0207, 46.9405



18.5675, 19.1032, 18.8530



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.



41.7877, 40.6781, 31.6363



69.1803, 65.7871, 46.2445



47.2588, 51.6203, 33.4600



10.9544, 11.2779, 11.1623



16.8253, 11.1678, 1.2688



0.8661, 0.6676, 0.0832

Inverse Universe

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



37.5565, 41.8028, 60.1224



60.5117, 68.0764, 104.5585



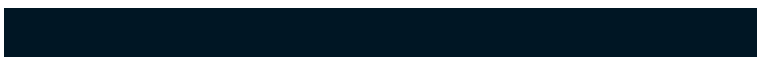
32.6179, 31.9256, 58.4762



10.5995, 11.3731, 13.5541



11.3790, 12.1520, 36.4902



0.6067, 0.7113, 1.7505

Previews

White Background



This preview shows how the XYZ color 41.7866, 40.6762, 31.6355 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 41.7866, 40.6762, 31.6355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

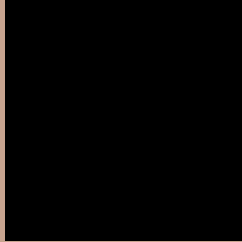
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7866, 40.6762, 31.6355

Background



This preview shows how black text looks on a background with the XYZ color 41.7866, 40.6762, 31.6355.



This preview shows how white text looks on a background with the XYZ color 41.7866, 40.6762,

31.6355.

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

41.7866, 40.6762, 31.6355

Protanopia

38.5736, 40.9044, 33.0564

Deuteranopia

41.7018, 40.8992, 31.6830



Tritanopia

44.3743, 40.6767, 44.5423

Trichromacy



Original Color

41.7866, 40.6762, 31.6355

Protanomaly

39.6070, 40.6144, 32.5399

Deuteranomaly

41.7018, 40.8992, 31.6830

Tritanomaly

43.2653, 40.4805, 39.2514

Monochromacy



Original Color

41.7866, 40.6762, 31.6355

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9124, 40.8942, 39.5080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7866, 40.6762, 31.6355 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(199, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 143)  
}
```

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(199, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.7866, 40.6762, 31.6355 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(199, 164, 143) }
```


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

```
.border{ border-color:rgb(199, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 164, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 164, 143); box-shadow:4px 4px 4px 4px rgb(199, 164, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7866, 40.6762, 31.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 143) }
```

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

```
.background{ background-color: rgb(199,  
164, 143) }
```

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