

Converting Colors

XYZ(40.7162, 33.2522, 31.4665)

Have a look what the booklet for
XYZ(40.7162, 33.2522, 31.4665)
contains.

XYZ(40.7162, 33.2522, 31.4665)	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(40.7162, 33.2522,
31.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	D38792
RGB	211, 135, 146
RGB Percent	83%, 53%, 57%
CMY	0.1725, 0.4706, 0.4274
CMYK	0.00, 0.36, 0.31, 0.17
HSL	351°, 46%, 68%
HSV	351°, 36%, 83%
XYZ	40.7162, 33.2522, 31.4665
YIQ	158.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

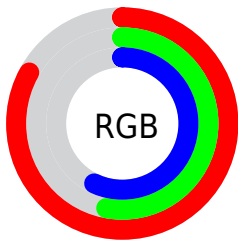
Format	Color
R _Y B	211, 135, 146
Decimal	13862802
CIE Lab	64.36, 30.52, 6.33
CIE LCh	64, 31.168, 11.719
Yxy	33.2522, 0.3862, 0.3154
Android (android.graphics.Color)	4292052882 (0xFFD38792)
YUV	158.9780, -6.3982, 45.6233
Hunter-Lab	57.6647, 25.1229, 8.0119

Details

The XYZ color **40.7162, 33.2522, 31.4665** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7127, 55.9102, 63.1343**, and the grayscale version is **32.9604, 34.6769, 37.7632**.

A 20% lighter version of the original color is **69.8629, 61.8253, 62.8949**, and **18.6081, 14.0552, 12.7985** is the 20% darker color. If you saturate the color by 10%, you get **36.7639, 27.4196, 23.7610**, and if you desaturate by 10%, it is **45.4754, 40.3434, 40.5350**.

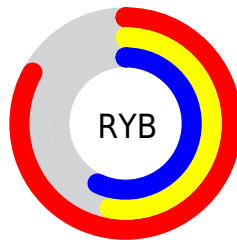
Distribution



Red (83%)

Green (53%)

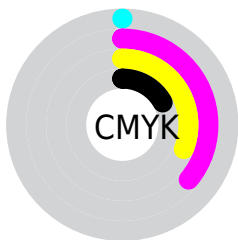
Blue (57%)



Red (83%)

Yellow (53%)

Blue (57%)

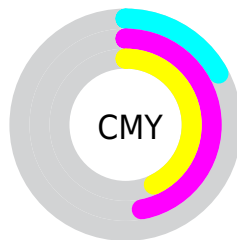


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7162, 33.2522, 31.4665 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 40.7162, 33.2522, 31.4665 by changing the saturation by 10% instead.


 40.7162, 33.2522,
31.4665


 40.7162, 33.2522,
31.4665

340.2160,
316.7846, 323.0993

 28.2841, 22.3197,
20.6929


 75.5303, 64.7691,
63.0619

 18.6815, 14.0920,
12.7107


 98.6430, 86.1223,
84.7209

 11.5430, 8.1847,
7.1012

 126.0467,
111.7178, 110.8453

 6.5033, 4.2134,
3.4461

158.1066,
141.9401, 141.8538

 3.1970, 1.7936,
1.3267

195.1881,
177.1735, 178.1649

 1.2588, 0.4832,
0.0835

237.6566,

 0.1520, 0.0000,

217.8025, 220.1972

0.0000

285.8774,
264.2114, 268.3691

0.0000, 0.0000,
0.0000

40.7162, 33.2522,
31.4665

40.7162, 33.2522,
31.4665

36.7639, 27.4196,
23.7610

45.4754, 40.3434,
40.5350

33.5707, 22.7673,
17.3504

51.0801, 48.7559,
51.0262

31.0880, 19.2159,
12.1636

57.5700, 58.5538,
62.9987

29.2603, 16.6741,
8.1217

64.9812, 69.7958,
76.5069

28.0239, 15.0358,
5.1365

73.3479, 82.5372,
91.6028

■ 27.3005, 14.1695,
3.1061

■ 80.5588, 92.5428,
107.6211

■ 27.1051, 13.9453,
2.5271

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



40.4177, 33.2522, 44.4233



40.7162, 33.2522, 31.4665



38.4103, 33.2522, 22.2589

Triad

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



40.7162, 33.2522, 31.4665



26.2610, 33.2522, 20.8596



29.0040, 33.2522, 64.7139

Complementary

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



40.7162, 33.2522, 31.4665



43.7127, 55.9102, 63.1343

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.



25.6555, 33.2522, 55.0211



40.7162, 33.2522, 31.4665



24.1769, 33.2522, 29.0701

Square

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



40.7162, 33.2522, 31.4665



29.9038, 33.2522, 17.1648



23.9661, 33.2522, 41.3990



33.3699, 33.2522, 65.7857

Rectangle

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



40.7162, 33.2522, 31.4665



35.8220, 33.2522, 18.6703



23.9661, 33.2522, 41.3990



27.7331, 33.2522, 62.2663

Sweetspot

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



40.7171, 33.2538, 31.4672



83.1204, 81.9408, 87.0428



44.1356, 34.2572, 65.9140



17.5022, 17.1026, 18.0970



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.



40.7171, 33.2538, 31.4672



57.8709, 44.1987, 39.2986



44.0881, 41.2996, 28.5718



11.8774, 11.8357, 12.6304



16.3809, 8.4252, 1.6462



0.9388, 0.4803, 0.2127

Inverse Universe

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



40.7171, 33.2538, 31.4672



57.8709, 44.1987, 39.2986



38.9746, 44.3027, 68.1250



11.8774, 11.8357, 12.6304



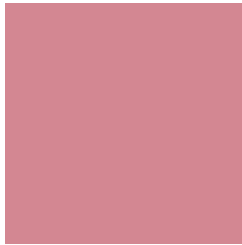
16.3809, 8.4252, 1.6462



0.9388, 0.4803, 0.2127

Previews

White Background



This preview shows how the XYZ color 40.7162, 33.2522, 31.4665 looks on a white background.

Color Contrast Check

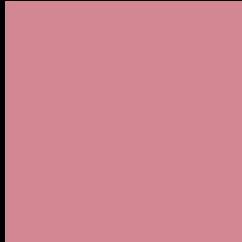
Large Text (above 18pt) WCAG AA × Fail

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 40.7162, 33.2522, 31.4665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

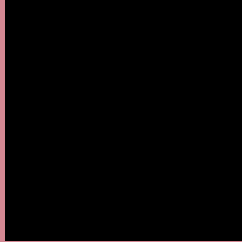
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7162, 33.2522, 31.4665

Background



This preview shows how black text looks on a background with the XYZ color 40.7162, 33.2522, 31.4665.



This preview shows how white text looks on a background with the XYZ color 40.7162, 33.2522,

31.4665.

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

40.7162, 33.2522, 31.4665

Protanopia

32.2723, 33.5822, 36.6794

Deuteranopia

33.9290, 33.3465, 30.6349



Tritanopia

40.6388, 33.2212, 31.0585

Trichromacy



Original Color

40.7162, 33.2522, 31.4665

Protanomaly

34.6998, 32.9447, 34.6671

Deuteranomaly

36.1457, 33.0832, 30.8662

Tritanomaly

40.6388, 33.2212, 31.0585

Monochromacy



Original Color

40.7162, 33.2522, 31.4665

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.0992, 33.6108, 35.2094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7162, 33.2522, 31.4665 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, 135, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 135, 146)  
}
```

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, 135, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 135, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.7162, 33.2522, 31.4665 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, 135, 146) }
```


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

```
.border{ border-color:rgb(211, 135, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 135, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 135, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 135, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 135,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7162, 33.2522, 31.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 135, 146) }
```

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

```
.background{ background-color: rgb(211,  
135, 146) }
```

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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