

Converting Colors

XYZ(41.1196, 38.7387, 32.7788)

Have a look what the booklet for
XYZ(41.1196, 38.7387, 32.7788)
contains.

XYZ(41.0465, 38.7024, 32.9107)	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(41.0465, 38.7024,
32.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	C79E93
RGB	199, 158, 147
RGB Percent	78%, 62%, 58%
CMY	0.2196, 0.3804, 0.4235
CMYK	0.00, 0.21, 0.26, 0.22
HSL	13°, 32%, 68%
HSV	13°, 26%, 78%
XYZ	41.0465, 38.7024, 32.9107
YIQ	169.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

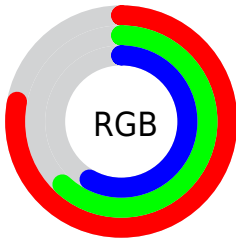
Format	Color
R _Y B	199, 161, 147
Decimal	13082259
CIE Lab	68.54, 13.56, 11.53
CIE LCh	69, 17.797, 40.375
Yxy	38.7024, 0.3643, 0.3435
Android (android.graphics.Color)	4291272339 (0xFFC79E93)
YUV	169.0050, -10.8485, 26.3056
Hunter-Lab	62.2113, 8.9032, 12.1826

Details

The XYZ color **41.0465, 38.7024, 32.9107** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3242, 46.2917, 60.8429**, and the grayscale version is **37.7577, 39.7240, 43.2594**.

A 20% lighter version of the original color is **75.5769, 73.0655, 65.3781**, and **18.8706, 17.2892, 13.4089** is the 20% darker color. If you saturate the color by 10%, you get **37.1107, 33.1173, 24.5496**, and if you desaturate by 10%, it is **45.5962, 45.0825, 42.8100**.

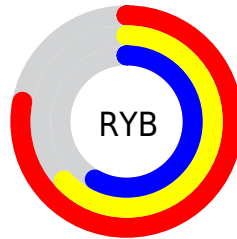
Distribution



Red (78%)

Green (62%)

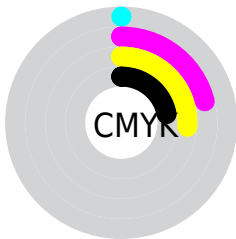
Blue (58%)



Red (78%)

Yellow (63%)

Blue (58%)

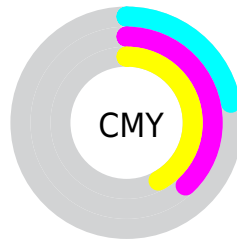


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0465, 38.7024, 32.9107 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 41.0465, 38.7024, 32.9107 by changing the saturation by 10% instead.


 41.0465, 38.7024,
32.9107


 41.0465, 38.7024,
32.9107


341.5742,
340.6236, 329.8668

 28.5433, 26.5283,
21.7875


 76.0287, 73.1835,
65.3505

 18.8781, 17.2193,
13.5040

 99.2384, 96.2592,
87.5041

 11.6857, 10.3910,
7.6417


126.7477,
123.7376, 114.1717

 6.6007, 5.6589,
3.7821

158.9218,
156.0031, 145.7717

 3.2578, 2.6388,
1.5066

196.1261,
193.4401, 182.7227

 1.2915, 0.9462,
0.2228

238.7261,

 0.1768, 0.0000,

236.4328, 225.4431

0.0000

287.0870,
285.3659, 274.3517

0.0000, 0.0000,
0.0000

41.0465, 38.7024,
32.9107

41.0465, 38.7024,
32.9107

37.1107, 33.1173,
24.5496

45.5962, 45.0825,
42.8100

33.7590, 28.2905,
17.6468

50.7817, 52.2816,
54.3171

30.9636, 24.1906,
12.1188

56.6277, 60.3295,
67.5004

28.6932, 20.7816,
7.8725

63.1567, 69.2528,
82.4233

26.9131, 18.0246,
4.8032

70.3900, 79.0769,
99.1463

■ 25.5843, 15.8764,
2.7898

■ 76.4572, 89.0700,
107.7702

■ 24.6599, 14.2879,
1.6793

■ 77.3633, 90.8822,
108.0723

■ 24.3852, 13.8060,
1.3796

Harmonies

Analogous

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



42.3463, 38.7024, 39.4211



41.0465, 38.7024, 32.9107



38.6257, 38.7024, 29.2084

Triad

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



41.0465, 38.7024, 32.9107



31.9385, 38.7024, 37.1653



37.7647, 38.7024, 59.2217

Complementary

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



41.0465, 38.7024, 32.9107



40.3242, 46.2917, 60.8429

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.



35.0046, 38.7024, 58.4169



41.0465, 38.7024, 32.9107



31.7341, 38.7024, 44.9818

Square

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



41.0465, 38.7024, 32.9107



33.4032, 38.7024, 31.4402



32.8300, 38.7024, 52.9519



40.3887, 38.7024, 55.0285

Rectangle

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



41.0465, 38.7024, 32.9107



36.7502, 38.7024, 28.5119



32.8300, 38.7024, 52.9519



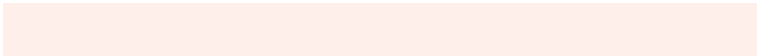
36.8207, 38.7024, 59.5385

Sweetspot

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



41.0475, 38.7042, 32.9115



87.0198, 88.9194, 90.8713



43.1292, 36.6668, 52.7213



18.3208, 18.6098, 18.7708



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.



41.0475, 38.7042, 32.9115



68.0704, 62.3903, 49.5032



45.8361, 48.2812, 34.5077



10.8128, 10.9947, 11.1150



15.7327, 8.9826, 0.9046



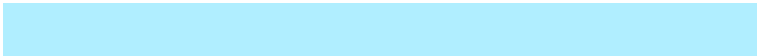
0.7991, 0.5337, 0.0609

Inverse Universe

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



40.3242, 46.2917, 60.8429



66.5970, 77.7518, 106.1053



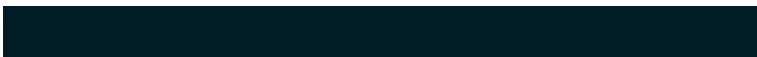
35.3681, 36.3796, 59.1909



10.7489, 11.6718, 13.6038



14.4350, 18.2638, 37.5088



0.7326, 0.9630, 1.7924

Previews

White Background



This preview shows how the XYZ color 41.0465, 38.7024, 32.9107 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 41.0465, 38.7024, 32.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

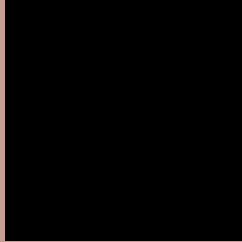
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0465, 38.7024, 32.9107

Background



This preview shows how black text looks on a background with the XYZ color 41.0465, 38.7024, 32.9107.



This preview shows how white text looks on a background with the XYZ color 41.0465, 38.7024,

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

41.0465, 38.7024, 32.9107

Protanopia

36.9418, 38.9031, 35.2678

Deuteranopia

39.4190, 38.6414, 32.5751



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

41.0465, 38.7024, 32.9107

Protanomaly

38.3089, 38.8202, 34.3281

Deuteranomaly

40.0072, 38.6863, 32.5527

Tritanomaly

42.0530, 38.5944, 38.4907

Monochromacy



Original Color

41.0465, 38.7024, 32.9107

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7105, 39.1868, 39.2418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0465, 38.7024, 32.9107 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, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 147)  
}
```

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, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 147) }
```

Border

The CSS property to change the border of an element to XYZ 41.0465, 38.7024, 32.9107 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, 158, 147) }
```


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

```
.border{ border-color:rgb(199, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0465, 38.7024, 32.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 147) }
```

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

```
.background{ background-color: rgb(199,  
158, 147) }
```

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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