

Converting Colors

XYZ(41.0602, 40.6772, 36.6592)

Have a look what the booklet for
XYZ(41.0602, 40.6772, 36.6592)
contains.

XYZ(41.0385, 40.7154, 36.7062)	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(41.0385, 40.7154,
36.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA69B
RGB	191, 166, 155
RGB Percent	75%, 65%, 61%
CMY	0.2510, 0.3490, 0.3922
CMYK	0.00, 0.13, 0.19, 0.25
HSL	18°, 22%, 68%
HSV	18°, 19%, 75%
XYZ	41.0385, 40.7154, 36.7062
YIQ	172.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

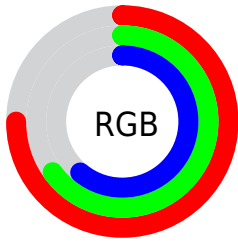
Format	Color
RYB	191, 171, 155
Decimal	12560027
CIELab	69.98, 7.32, 9.04
CIElCh	70, 11.634, 50.990
Yxy	40.7154, 0.3464, 0.3437
Android (android.graphics.Color)	4290750107 (0xFFBFA69B)
YUV	172.2210, -8.4900, 16.4692
Hunter-Lab	63.8086, 3.1372, 10.5592

Details

The XYZ color **41.0385, 40.7154, 36.7062** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2425, 43.3716, 55.5938**, and the grayscale version is **39.3606, 41.4105, 45.0960**.

A 20% lighter version of the original color is **76.0765, 76.2728, 71.0341**, and **18.8325, 18.3525, 15.6465** is the 20% darker color. If you saturate the color by 10%, you get **37.2721, 35.5496, 28.1530**, and if you desaturate by 10%, it is **45.3095, 46.4836, 46.6803**.

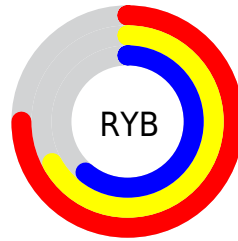
Distribution



Red (75%)

Green (65%)

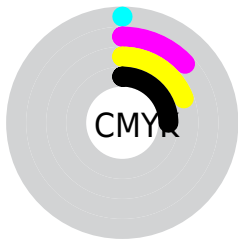
Blue (61%)



Red (75%)

Yellow (67%)

Blue (61%)

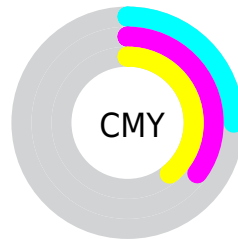


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0385, 40.7154, 36.7062 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 41.0385, 40.7154, 36.7062 by changing the saturation by 10% instead.

 41.0385, 40.7154,
36.7062


 41.0385, 40.7154,
36.7062


341.5413,
349.1297, 347.1671

 28.5370, 28.0968,
24.6861


 76.0167, 76.2517,
71.3020

 18.8733, 18.3986,
15.6265

 99.2240, 99.9381,
94.7147

 11.6823, 11.2366,
9.1087


126.7307,
128.0826, 122.7620

 6.5984, 6.2262,
4.7144

158.9021,
161.0695, 155.8626

 3.2563, 2.9831,
2.0249

196.1034,
199.2833, 194.4348

 1.2907, 1.1229,
0.5705

238.7002,

 0.1762, 0.0000,

243.1084, 238.8973

0.0000

287.0577,
292.9290, 289.6685

■ 0.0000, 0.0000,
0.0000

■ 41.0385, 40.7154,
36.7062

■ 41.0385, 40.7154,
36.7062

■ 37.2721, 35.5496,
28.1530

■ 45.3095, 46.4836,
46.6803

■ 33.9876, 30.9610,
20.9531

■ 50.1001, 52.8675,
58.1338

■ 31.1654, 26.9305,
15.0369

■ 55.4287, 59.8870,
71.1248

■ 28.7832, 23.4359,
10.3277

■ 61.3118, 67.5591,
85.7076

■ 26.8165, 20.4534,
6.7406

■ 67.7653, 75.9005,
101.9340

■ 25.2384, 17.9574,
4.1793

■ 72.3630, 83.9505,
106.9979

■ 24.0180, 15.9194,
2.5310

■ 75.2960, 89.8164,
107.9755

■ 23.1092, 14.3035,
1.6061

■ 23.0184, 14.1412,
1.5163

Harmonies

Analogous

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



42.2022, 40.7154, 40.6974



41.0385, 40.7154, 36.7062



39.2724, 40.7154, 34.8016

Triad

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



41.0385, 40.7154, 36.7062



35.2096, 40.7154, 42.7175



40.0190, 40.7154, 54.8088

Complementary

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



41.0385, 40.7154, 36.7062



39.2425, 43.3716, 55.5938

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.



38.1308, 40.7154, 55.4608



41.0385, 40.7154, 36.7062



35.3948, 40.7154, 48.1771

Square

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



41.0385, 40.7154, 36.7062



35.9353, 40.7154, 38.0812



36.4497, 40.7154, 52.9473



41.6004, 40.7154, 51.2322

Rectangle

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



41.0385, 40.7154, 36.7062



38.0081, 40.7154, 34.8549



36.4497, 40.7154, 52.9473



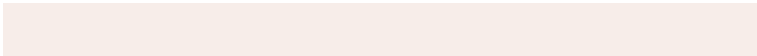
39.3977, 40.7154, 55.3882

Sweetspot

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



41.0396, 40.7172, 36.7071



83.4166, 86.2876, 88.9822



41.4662, 37.8230, 48.4024



18.1966, 18.7863, 19.2522



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0396, 40.7172, 36.7071



70.3449, 68.6137, 58.5151



44.5016, 47.6413, 37.8611



9.7616, 9.9992, 9.9922



15.1905, 9.4198, 1.0176



0.6546, 0.4882, 0.0597

Inverse Universe

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



39.2425, 43.3716, 55.5938



66.4786, 74.3152, 99.1196



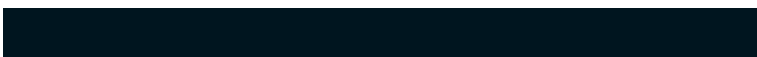
35.8776, 36.6419, 54.4722



9.5558, 10.3039, 12.1574



11.7318, 13.5754, 34.3949



0.5148, 0.6423, 1.3657

Previews

White Background



This preview shows how the XYZ color 41.0385, 40.7154, 36.7062 looks on a white background.

Color Contrast Check

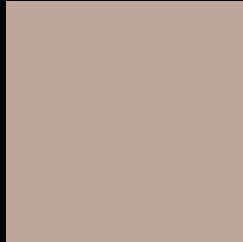
Large Text (above 18pt) WCAG AA × Fail

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 41.0385, 40.7154, 36.7062 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 41.0385, 40.7154, 36.7062

Background



This preview shows how black text looks on a background with the XYZ color 41.0385, 40.7154, 36.7062.



This preview shows how white text looks on a background with the XYZ color 41.0385, 40.7154,

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

41.0385, 40.7154, 36.7062

Protanopia

38.7802, 40.9073, 37.7502

Deuteranopia

41.6197, 40.7462, 36.6815



Tritanopia

43.1818, 40.7983, 46.6732

Trichromacy



Original Color

41.0385, 40.7154, 36.7062

Protanomaly

39.4801, 40.7213, 37.2317

Deuteranomaly

41.3638, 40.6143, 36.6696

Tritanomaly

42.3357, 40.7155, 42.6733

Monochromacy



Original Color

41.0385, 40.7154, 36.7062

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8481, 41.0863, 41.9066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0385, 40.7154, 36.7062 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(191, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 155)  
}
```

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(191, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.0385, 40.7154, 36.7062 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(191, 166, 155) }
```


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

```
.border{ border-color:rgb(191, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0385, 40.7154, 36.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 155) }
```

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

```
.background{ background-color: rgb(191,  
166, 155) }
```

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