

Converting Colors

XYZ(41.6030, 39.1667, 36.3727)

Have a look what the booklet for
XYZ(41.6030, 39.1667, 36.3727)
contains.

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Color

**XYZ(41.6032, 39.1686,
36.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	C69F9B
RGB	198, 159, 155
RGB Percent	78%, 62%, 61%
CMY	0.2235, 0.3765, 0.3922
CMYK	0.00, 0.20, 0.22, 0.22
HSL	6°, 27%, 69%
HSV	6°, 22%, 78%
XYZ	41.6032, 39.1686, 36.3779
YIQ	170.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

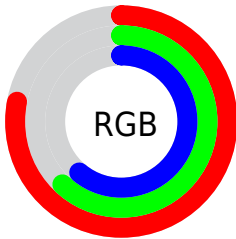
Format	Color
RYB	198, 159, 155
Decimal	13016987
CIELab	68.87, 13.80, 7.55
CIELCh	69, 15.734, 28.694
Yxy	39.1686, 0.3551, 0.3343
Android (android.graphics.Color)	4291207067 (0xFFC69F9B)
YUV	170.2050, -7.4961, 24.3762
Hunter-Lab	62.5848, 9.1343, 9.3466

Details

The XYZ color **41.6032, 39.1686, 36.3779** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0019, 49.6279, 60.7390**, and the grayscale version is **38.3392, 40.3359, 43.9258**.

A 20% lighter version of the original color is **76.7952, 73.9566, 70.5491**, and **19.0841, 17.3545, 15.4406** is the 20% darker color. If you saturate the color by 10%, you get **37.2082, 32.8248, 27.3707**, and if you desaturate by 10%, it is **46.7216, 46.5222, 46.9723**.

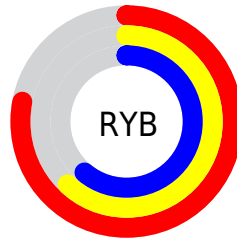
Distribution



Red (78%)

Green (62%)

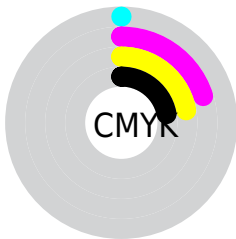
Blue (61%)



Red (78%)

Yellow (62%)

Blue (61%)

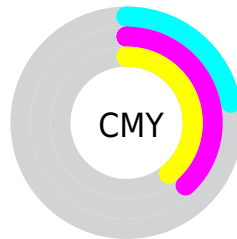


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6032, 39.1686, 36.3779 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 41.6032, 39.1686, 36.3779 by changing the saturation by 10% instead.


 41.6032, 39.1686,
36.3779


 41.6032, 39.1686,
36.3779


343.8551,
342.6068, 345.6965

 28.9805, 26.8909,
24.4342


 76.8677, 73.8958,
70.7905

 19.2102, 17.4913,
15.4408


 100.2401, 97.1141,
94.0966

 11.9272, 10.5854,
8.9793


127.9265,
124.7481, 122.0271

 6.7660, 5.7888,
4.6311

160.2922,
157.1821, 155.0007

 3.3612, 2.7171,
1.9775

197.7025,
194.8006, 193.4359

 1.3475, 0.9859,
0.5414

240.5229,

 0.2184, 0.0000,

237.9880, 237.7512

0.0000

289.1186,
287.1286, 288.3653

0.0000, 0.0000,
0.0000

41.6032, 39.1686,
36.3779

41.6032, 39.1686,
36.3779

37.2082, 32.8248,
27.3707

46.7216, 46.5222,
46.9723

33.5008, 27.4417,
19.8720

52.5907, 54.9213,
59.2227

30.4472, 22.9739,
13.7999

59.2403, 64.4065,
73.1967

28.0091, 19.3703,
9.0639

66.6975, 75.0148,
88.9576

26.1445, 16.5751,
5.5629

74.9882, 86.7813,
106.5652

■ 24.8058, 14.5254,
3.1815

■ 77.0988, 90.7458,
108.0599

■ 23.9378, 13.1495,
1.7825

■ 23.5122, 12.4527,
1.1644

Harmonies

Analogous

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



42.2403, 39.1686, 42.9623



41.6032, 39.1686, 36.3779



39.7807, 39.1686, 31.9407

Triad

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



41.6032, 39.1686, 36.3779



33.2734, 39.1686, 35.8916



37.1192, 39.1686, 57.9328

Complementary

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



41.6032, 39.1686, 36.3779



43.0019, 49.6279, 60.7390

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.



34.7880, 39.1686, 55.5149



41.6032, 39.1686, 36.3779



32.6298, 39.1686, 42.3352

Square

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



41.6032, 39.1686, 36.3779



34.9695, 39.1686, 31.6828



33.1719, 39.1686, 49.6000



39.5829, 39.1686, 55.8895

Rectangle

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



41.6032, 39.1686, 36.3779



38.1783, 39.1686, 30.5303



33.1719, 39.1686, 49.6000



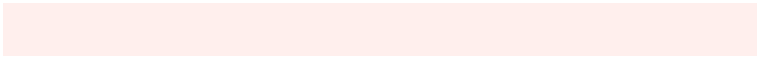
36.2948, 39.1686, 57.6103

Sweetspot

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



41.6043, 39.1704, 36.3787



87.3595, 89.0062, 92.8113



44.7948, 39.3627, 56.5217



18.5635, 18.8577, 19.5838



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.



41.6043, 39.1704, 36.3787



69.8795, 63.8946, 56.6234



45.5435, 47.0488, 37.6918



10.7120, 10.7931, 11.0815



15.3189, 8.1549, 0.7667



0.7532, 0.4419, 0.0456

Inverse Universe

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



43.0019, 49.6279, 60.7390



72.7840, 85.6447, 107.3027



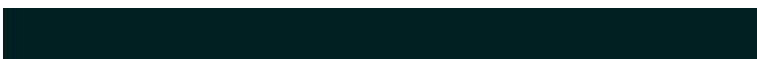
38.6386, 40.9014, 59.2845



10.8590, 11.8921, 13.6406



17.2193, 23.8325, 38.4369



0.8406, 1.1789, 1.8284

Previews

White Background



This preview shows how the XYZ color 41.6032, 39.1686, 36.3779 looks on a white background.

Color Contrast Check

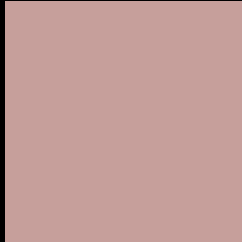
Large Text (above 18pt) WCAG AA × Fail

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 41.6032, 39.1686, 36.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

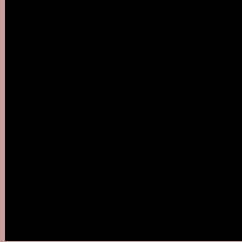
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6032, 39.1686, 36.3779

Background



This preview shows how black text looks on a background with the XYZ color 41.6032, 39.1686, 36.3779.



This preview shows how white text looks on a background with the XYZ color 41.6032, 39.1686,

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

41.6032, 39.1686, 36.3779

Protanopia

37.5814, 39.4276, 38.8872

Deuteranopia

39.9883, 39.1209, 36.0153



Tritanopia

43.0378, 39.2579, 42.8453

Trichromacy



Original Color

41.6032, 39.1686, 36.3779

Protanomaly

38.9181, 39.3240, 37.8868

Deuteranomaly

40.5699, 39.1603, 35.9923

Tritanomaly

42.4809, 39.2762, 40.4640

Monochromacy



Original Color

41.6032, 39.1686, 36.3779

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2501, 39.6923, 41.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6032, 39.1686, 36.3779 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(198, 159, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 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(198, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.6032, 39.1686, 36.3779 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(198, 159, 155) }
```


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

```
.border{ border-color:rgb(198, 159, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6032, 39.1686, 36.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 155) }
```

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

```
.background{ background-color: rgb(198,  
159, 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](#).

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