

Converting Colors

XYZ(40.6010, 40.6867, 41.1151)

Have a look what the booklet for
XYZ(40.6010, 40.6867, 41.1151)
contains.

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Color

**XYZ(40.6178, 40.6683,
41.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A7A5
RGB	185, 167, 165
RGB Percent	73%, 65%, 65%
CMY	0.2745, 0.3451, 0.3529
CMYK	0.00, 0.10, 0.11, 0.27
HSL	6°, 12%, 69%
HSV	6°, 11%, 73%
XYZ	40.6178, 40.6683, 41.3063
YIQ	172.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

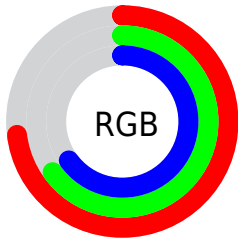
Format	Color
RYB	185, 167, 165
Decimal	12167077
CIELab	69.94, 6.17, 3.40
CIELCh	70, 7.042, 28.822
Yxy	40.6683, 0.3313, 0.3317
Android (android.graphics.Color)	4290357157 (0xFFB9A7A5)
YUV	172.1540, -3.5269, 11.2659
Hunter-Lab	63.7717, 2.0907, 6.2368

Details

The XYZ color **40.6178, 40.6683, 41.3063** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2073, 45.3682, 52.4844**, and the grayscale version is **39.3048, 41.3517, 45.0320**.

A 20% lighter version of the original color is **75.3152, 76.1106, 78.4314**, and **18.6271, 18.3593, 18.1847** is the 20% darker color. If you saturate the color by 10%, you get **36.1986, 34.3323, 32.1179**, and if you desaturate by 10%, it is **45.6755, 47.8906, 51.9103**.

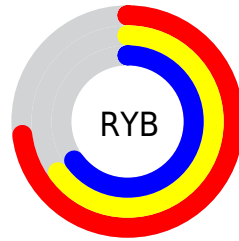
Distribution



Red (73%)

Green (65%)

Blue (65%)



Red (73%)

Yellow (65%)

Blue (65%)

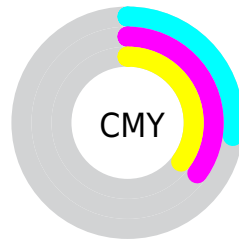


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6178, 40.6683, 41.3063 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 40.6178, 40.6683, 41.3063 by changing the saturation by 10% instead.


 40.6178, 40.6683,
41.3063


 40.6178, 40.6683,
41.3063


339.8106,
348.9324, 367.3136

 28.2069, 28.0600,
28.2370


 75.3817, 76.1801,
78.4074

 18.6229, 18.3709,
18.2638


 98.4655, 99.8524,
103.2762

 11.5005, 11.2166,
10.9681


125.8376,
127.9815, 132.9153

 6.4743, 6.2127,
5.9315

157.8634,
160.9517, 167.7432

 3.1790, 2.9749,
2.7354

194.9082,
199.1475, 208.1785

 1.2491, 1.1186,
0.9612

237.3375,

 0.1446, 0.0000,

242.9533, 254.6396

0.0000

285.5165,
292.7535, 307.5451

■ 0.0000, 0.0000,
0.0000

■ 40.6178, 40.6683,
41.3063

■ 40.6178, 40.6683,
41.3063

■ 36.1986, 34.3323,
32.1179

■ 45.6755, 47.8906,
51.9103

■ 32.3892, 28.8432,
24.2826

■ 51.3921, 56.0257,
63.9834

■ 29.1638, 24.1667,
17.7373

■ 57.7914, 65.1060,
77.5796

■ 26.4933, 20.2641,
12.4128

■ 64.8949, 75.1604,
92.7496

■ 24.3463, 17.0937,
8.2331

■ 72.3179, 86.0546,
107.4064

■ 22.6881, 14.6096,
5.1143

■ 73.8178, 89.0544,
107.9063

■ 21.4796, 12.7608,
2.9603

■ 20.6761, 11.4891,
1.6582

■ 20.2328, 10.7644,
1.0113

Harmonies

Analogous

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



40.9002, 40.6683, 44.4108



40.6178, 40.6683, 41.3063



39.8066, 40.6683, 39.0958

Triad

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



40.6178, 40.6683, 41.3063



36.7984, 40.6683, 41.0921



38.6087, 40.6683, 50.8979

Complementary

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



40.6178, 40.6683, 41.3063



41.2073, 45.3682, 52.4844

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.



37.5239, 40.6683, 49.9052



40.6178, 40.6683, 41.3063



36.4915, 40.6683, 44.1512

Square

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



40.6178, 40.6683, 41.3063



37.6009, 40.6683, 38.9765



36.7545, 40.6683, 47.3949



39.7266, 40.6683, 50.0459

Rectangle

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



40.6178, 40.6683, 41.3063



39.0829, 40.6683, 38.3713



36.7545, 40.6683, 47.3949



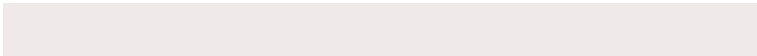
38.2282, 40.6683, 50.7681

Sweetspot

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



40.6189, 40.6701, 41.3072



79.6752, 82.7357, 88.4938



42.0104, 40.6440, 50.4311



17.0147, 17.6056, 18.7380



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.6189, 40.6701, 41.3072



70.7436, 69.9707, 69.7999



42.5217, 44.4757, 41.9414



9.0751, 9.1531, 9.3953



13.8025, 7.3814, 0.6973



0.5108, 0.3086, 0.0326

Inverse Universe

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



41.2073, 45.3682, 52.4844



72.0103, 80.0864, 93.8675



39.2181, 41.3898, 51.8214



9.1878, 10.0527, 11.5356



15.3364, 21.1324, 34.5237



0.5630, 0.7897, 1.2245

Previews

White Background



This preview shows how the XYZ color 40.6178, 40.6683, 41.3063 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 40.6178, 40.6683, 41.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

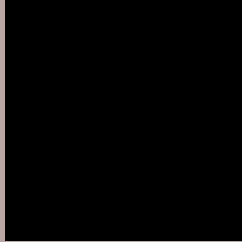
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6178, 40.6683, 41.3063

Background



This preview shows how black text looks on a background with the XYZ color 40.6178, 40.6683, 41.3063.



This preview shows how white text looks on a background with the XYZ color 40.6178, 40.6683,

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

40.6178, 40.6683, 41.3063

Protanopia

39.0290, 40.6534, 42.3491

Deuteranopia

41.4819, 40.5740, 41.2426



Tritanopia

41.9845, 40.6894, 47.7605

Trichromacy



Original Color

40.6178, 40.6683, 41.3063

Protanomaly

39.6613, 40.7128, 41.8444

Deuteranomaly

41.1668, 40.6804, 41.2797

Tritanomaly

41.4287, 40.7287, 45.2131

Monochromacy



Original Color

40.6178, 40.6683, 41.3063

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6676, 40.9611, 43.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6178, 40.6683, 41.3063 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(185, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 165)  
}
```

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(185, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.6178, 40.6683, 41.3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

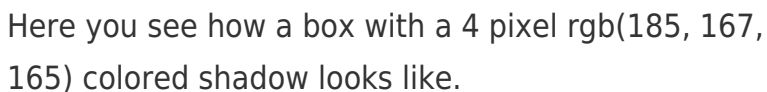
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 167, 165) }
```


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

```
.border{ border-color:rgb(185, 167, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 167, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 165);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6178, 40.6683, 41.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 165) }
```

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

```
.background{ background-color: rgb(185,  
167, 165) }
```

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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