

Converting Colors

XYZ(41.0684, 40.6588, 43.1669)

Have a look what the booklet for
XYZ(41.0684, 40.6588, 43.1669)
contains.

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Color

**XYZ(41.0473, 40.5761,
43.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA6A9
RGB	186, 166, 169
RGB Percent	73%, 65%, 66%
CMY	0.2706, 0.3490, 0.3372
CMYK	0.00, 0.11, 0.09, 0.27
HSL	351°, 13%, 69%
HSV	351°, 11%, 73%
XYZ	41.0473, 40.5761, 43.2047
YIQ	172.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

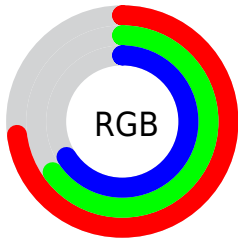
Format	Color
R _Y B	186, 166, 169
Decimal	12232361
CIE Lab	69.88, 7.77, 1.10
CIE LCh	70, 7.850, 8.042
Yxy	40.5761, 0.3288, 0.3251
Android (android.graphics.Color)	4290422441 (0xFFBAA6A9)
YUV	172.3220, -1.6377, 11.9956
Hunter-Lab	63.6994, 3.5499, 4.3756

Details

The XYZ color **41.0473, 40.5761, 43.2047** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8335, 46.6446, 51.6003**, and the grayscale version is **39.3809, 41.4317, 45.1191**.

A 20% lighter version of the original color is **75.9289, 75.9720, 81.1832**, and **18.9011, 18.3055, 19.3667** is the 20% darker color. If you saturate the color by 10%, you get **36.5119, 33.7388, 34.8066**, and if you desaturate by 10%, it is **46.2535, 48.4668, 52.7132**.

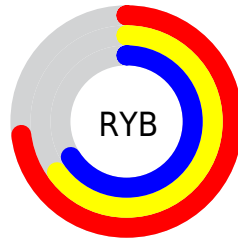
Distribution



Red (73%)

Green (65%)

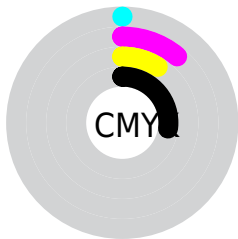
Blue (66%)



Red (73%)

Yellow (65%)

Blue (66%)

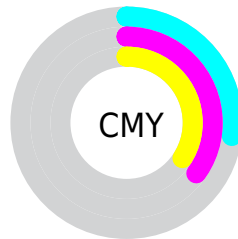


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0473, 40.5761, 43.2047 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 41.0473, 40.5761, 43.2047 by changing the saturation by 10% instead.


 41.0473, 40.5761,
43.2047


 41.0473, 40.5761,
43.2047


341.5775,
348.5458, 375.3988

 28.5439, 27.9880,
29.7132


 76.0299, 76.0400,
81.3093

 18.8786, 18.3166,
19.3708


 99.2399, 99.6846,
106.7595

 11.6861, 11.1775,
11.7590


126.7494,
127.7834, 137.0330

 6.6010, 6.1864,
6.4592

158.9238,
160.7210, 172.5483

 3.2579, 2.9587,
3.0530

196.1284,
198.8816, 213.7240

 1.2916, 1.1102,
1.1218

238.7287,

 0.1769, 0.0000,

242.6497, 260.9787

0.0000

287.0899,
292.4096, 314.7308

■ 0.0000, 0.0000,
0.0000

■ 41.0473, 40.5761,
43.2047

■ 41.0473, 40.5761,
43.2047

■ 36.5119, 33.7388,
34.8066

■ 46.2535, 48.4668,
52.7132

■ 32.6168, 27.9052,
27.4758

■ 52.1529, 57.4473,
63.3679

■ 29.3337, 23.0295,
21.1700

■ 58.7708, 67.5587,
75.2062

■ 26.6314, 19.0605,
15.8433

■ 66.1305, 78.8385,
88.2633

■ 24.4755, 15.9420,
11.4462

■ 72.9631, 88.7405,
102.1421

■ 22.8282, 13.6114,
7.9249

■ 74.0598, 89.1792,
107.9177

■ 21.6465, 11.9978,
5.2198

■ 20.8804, 11.0172,
3.2638

■ 20.4580, 10.5224,
2.0436

Harmonies

Analogous

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



40.8871, 40.5761, 46.8606



41.0473, 40.5761, 43.2047



40.5313, 40.5761, 39.9900

Triad

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



41.0473, 40.5761, 43.2047



37.0740, 40.5761, 38.8740



37.6561, 40.5761, 51.0236

Complementary

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



41.0473, 40.5761, 43.2047



41.8335, 46.6446, 51.6003

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.



36.6660, 40.5761, 48.6539



41.0473, 40.5761, 43.2047



36.3351, 40.5761, 41.6045

Square

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



41.0473, 40.5761, 43.2047



38.2241, 40.5761, 37.5813



36.1875, 40.5761, 45.1708



38.9106, 40.5761, 51.5102

Rectangle

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



41.0473, 40.5761, 43.2047



39.8797, 40.5761, 38.4826



36.1875, 40.5761, 45.1708



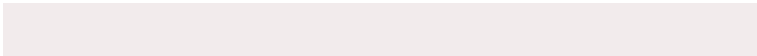
37.2821, 40.5761, 50.4148

Sweetspot

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



41.0484, 40.5779, 43.2056



81.5579, 84.3885, 91.4015



42.0288, 40.8867, 52.1315



17.7871, 18.3209, 19.8125



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.0484, 40.5779, 43.2056



72.2650, 70.3205, 74.3763



42.0774, 43.0809, 42.1763



9.0580, 9.0336, 9.6529



13.7812, 7.0862, 1.4685



0.5033, 0.2568, 0.1438

Inverse Universe

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



41.0484, 40.5779, 43.2056



72.2650, 70.3205, 74.3763



40.7103, 43.8937, 52.7814



9.0580, 9.0336, 9.6529



13.7812, 7.0862, 1.4685



0.5033, 0.2568, 0.1438

Previews

White Background



This preview shows how the XYZ color 41.0473, 40.5761, 43.2047 looks on a white background.

Color Contrast Check

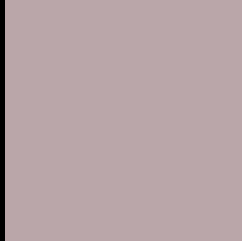
Large Text (above 18pt) WCAG AA × Fail

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 41.0473, 40.5761, 43.2047 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 41.0473, 40.5761, 43.2047

Background



This preview shows how black text looks on a background with the XYZ color 41.0473, 40.5761, 43.2047.



This preview shows how white text looks on a background with the XYZ color 41.0473, 40.5761,

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

41.0473, 40.5761, 43.2047

Protanopia

39.1810, 40.6884, 44.3167

Deuteranopia

41.3556, 40.4662, 43.1672



Tritanopia

41.9845, 40.6894, 47.7605

Trichromacy



Original Color

41.0473, 40.5761, 43.2047

Protanomaly

39.8038, 40.7432, 43.7965

Deuteranomaly

41.1101, 40.3396, 43.1557

Tritanomaly

41.6865, 40.5702, 46.1912

Monochromacy



Original Color

41.0473, 40.5761, 43.2047

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8569, 41.0368, 44.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0473, 40.5761, 43.2047 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(186, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 169)  
}
```

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(186, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.0473, 40.5761, 43.2047 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(186, 166, 169) }
```


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

```
.border{ border-color:rgb(186, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0473, 40.5761, 43.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 169) }
```

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

```
.background{ background-color: rgb(186,  
166, 169) }
```

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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