

Converting Colors

XYZ(40.8185, 39.2018, 46.6756)

Have a look what the booklet for
XYZ(40.8185, 39.2018, 46.6756)
contains.

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Color

**XYZ(40.7644, 39.2895,
46.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A2B0
RGB	185, 162, 176
RGB Percent	73%, 64%, 69%
CMY	0.2745, 0.3647, 0.3098
CMYK	0.00, 0.12, 0.05, 0.27
HSL	323°, 14%, 68%
HSV	323°, 12%, 73%
XYZ	40.7644, 39.2895, 46.5094
YIQ	170.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

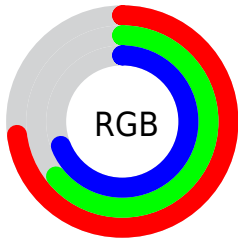
Format	Color
RYB	185, 162, 176
Decimal	12165808
CIELab	68.96, 10.86, -4.14
CIElCh	69, 11.620, 339.132
Yxy	39.2895, 0.3221, 0.3104
Android (android.graphics.Color)	4290355888 (0xFFB9A2B0)
YUV	170.4730, 2.7248, 12.7402
Hunter-Lab	62.6813, 6.3940, -0.1161

Details

The XYZ color **40.7644, 39.2895, 46.5094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6015, 45.3207, 45.1908**, and the grayscale version is **38.4291, 40.4304, 44.0287**.

A 20% lighter version of the original color is **75.6540, 74.1527, 86.6694**, and **18.7297, 17.5126, 21.4619** is the 20% darker color. If you saturate the color by 10%, you get **37.0452, 32.9667, 41.8292**, and if you desaturate by 10%, it is **45.0035, 46.5899, 51.5524**.

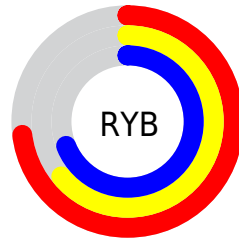
Distribution



Red (73%)

Green (64%)

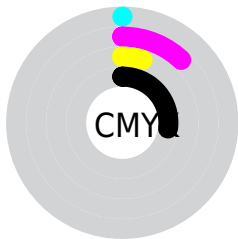
Blue (69%)



Red (73%)

Yellow (64%)

Blue (69%)

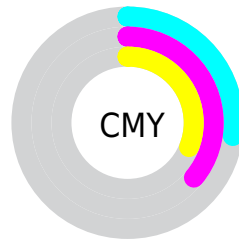


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7644, 39.2895, 46.5094 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 40.7644, 39.2895, 46.5094 by changing the saturation by 10% instead.

■ 40.7644, 39.2895,
46.5094

■ 40.7644, 39.2895,
46.5094

340.4144,
343.1198, 389.1898

■ 28.3219, 26.9850,
32.2964

■ 75.6031, 74.0804,
86.3231

■ 18.7101, 17.5620,
21.3213

■ 98.7300, 97.3355,
112.7610

■ 11.5638, 10.6360,
13.1656

126.1490,
125.0097, 144.1109

■ 6.5175, 5.8226,
7.4106

158.2256,
157.4873, 180.7913

■ 3.2058, 2.7375,
3.6379

195.3251,
195.1527, 223.2209

■ 1.2635, 0.9963,
1.4289

237.8128,

■ 0.1557, 0.0000,

238.3903, 271.8181

0.1641

286.0541,
287.5846, 327.0016

■ 0.0000, 0.0000,
0.0000

■ 40.7644, 39.2895,
46.5094

■ 40.7644, 39.2895,
46.5094

■ 37.0452, 32.9667,
41.8292

■ 45.0035, 46.5899,
51.5524

■ 33.8210, 27.5743,
37.4992

■ 49.7793, 54.9021,
56.9651

■ 31.0701, 23.0691,
33.5096

■ 55.1120, 64.2651,
62.7577

■ 28.7675, 19.4023,
29.8491

■ 61.0195, 74.7140,
68.9388

■ 26.8860, 16.5205,
26.5054

■ 67.5193, 86.2826,
75.5168

■ 25.3951, 14.3637,
23.4651

■ 68.6124, 86.9723,
80.4947

■ 24.2602, 12.8636,
20.7135

■ 69.5892, 87.3630,
85.6387

■ 23.4397, 11.9385,
18.2332

■ 70.6081, 87.7705,
91.0039

■ 22.9660, 11.4977,
16.5135

■ 71.6695, 88.1951,
96.5929

Harmonies

Analogous

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



39.6321, 39.2895, 51.1722



40.7644, 39.2895, 46.5094



40.9642, 39.2895, 41.1842

Triad

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



40.7644, 39.2895, 46.5094



36.7822, 39.2895, 33.4950



34.6535, 39.2895, 49.5314

Complementary

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



40.7644, 39.2895, 46.5094



39.6015, 45.3207, 45.1908

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.



33.9427, 39.2895, 44.4157



40.7644, 39.2895, 46.5094



35.1448, 39.2895, 35.3588

Square

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



40.7644, 39.2895, 46.5094



38.6241, 39.2895, 33.9548



34.1195, 39.2895, 39.2547



36.0915, 39.2895, 53.0145

Rectangle

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



40.7644, 39.2895, 46.5094



40.5353, 39.2895, 38.0126



34.1195, 39.2895, 39.2547



34.3238, 39.2895, 47.9294

Sweetspot

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



40.7655, 39.2912, 46.5102



79.2941, 81.1819, 90.8074



38.4335, 37.9827, 51.2053



16.9668, 17.2811, 19.4270



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.



40.7655, 39.2912, 46.5102



71.0423, 67.0080, 80.8741



39.6920, 38.8618, 40.8573



9.2280, 9.1016, 10.5480



15.6741, 7.8434, 11.4367



0.5820, 0.2883, 0.5583

Inverse Universe

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



40.7655, 39.2912, 46.5102



71.0423, 67.0080, 80.8741



40.7268, 45.7708, 51.1167



9.2280, 9.1016, 10.5480



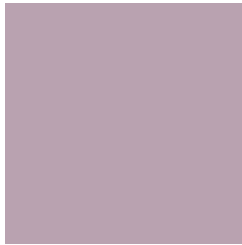
15.6741, 7.8434, 11.4367



0.5820, 0.2883, 0.5583

Previews

White Background



This preview shows how the XYZ color 40.7644, 39.2895, 46.5094 looks on a white background.

Color Contrast Check

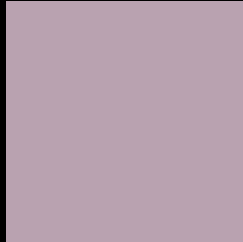
Large Text (above 18pt) WCAG AA × Fail

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 40.7644, 39.2895, 46.5094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

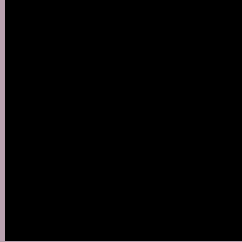
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7644, 39.2895, 46.5094

Background



This preview shows how black text looks on a background with the XYZ color 40.7644, 39.2895, 46.5094.



This preview shows how white text looks on a background with the XYZ color 40.7644, 39.2895,

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

40.7644, 39.2895, 46.5094

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

39.9897, 39.1527, 46.5238



Tritanopia

40.6658, 39.2501, 45.9901

Trichromacy



Original Color

40.7644, 39.2895, 46.5094

Protanomaly

38.9466, 39.1233, 47.6183

Deuteranomaly

40.2251, 39.2741, 46.5349

Tritanomaly

40.6658, 39.2501, 45.9901

Monochromacy



Original Color

40.7644, 39.2895, 46.5094

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.9443, 39.7300, 44.6458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7644, 39.2895, 46.5094 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, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 162, 176)  
}
```

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, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 162, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.7644, 39.2895, 46.5094 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, 162, 176) }
```


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

```
.border{ border-color:rgb(185, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 162,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7644, 39.2895, 46.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 162, 176) }
```

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

```
.background{ background-color: rgb(185,  
162, 176) }
```

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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