

Converting Colors

XYZ(46.2791, 39.0000, 52.6676)

Have a look what the booklet for
XYZ(46.2791, 39.0000, 52.6676)
contains.

XYZ(46.2779, 38.9988, 52.6654)	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(46.2779, 38.9988,
52.6654)**

Conversions

Conversions Part 1

Format	Color
Hex	D196BC
RGB	209, 150, 188
RGB Percent	82%, 59%, 74%
CMY	0.1804, 0.4117, 0.2627
CMYK	0.00, 0.28, 0.10, 0.18
HSL	321°, 39%, 70%
HSV	321°, 28%, 82%
XYZ	46.2779, 38.9988, 52.6654
YIQ	171.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

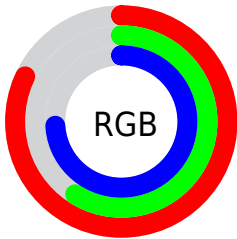
Format	Color
R _Y B	209, 150, 188
Decimal	13735612
CIE Lab	68.75, 28.05, -10.87
CIE LCh	69, 30.083, 338.811
Yxy	38.9988, 0.3355, 0.2827
Android (android.graphics.Color)	4291925692 (0xFFD196BC)
YUV	171.9730, 7.9013, 32.4727
Hunter-Lab	62.4490, 22.9918, -6.2870

Details

The XYZ color **46.2779, 38.9988, 52.6654** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7304, 55.0263, 46.8994**, and the grayscale version is **39.1531, 41.1921, 44.8582**.

A 20% lighter version of the original color is **79.4005, 71.4543, 95.1952**, and **22.0673, 17.3547, 25.1084** is the 20% darker color. If you saturate the color by 10%, you get **42.4544, 32.6018, 47.5358**, and if you desaturate by 10%, it is **50.7399, 46.6054, 58.2127**.

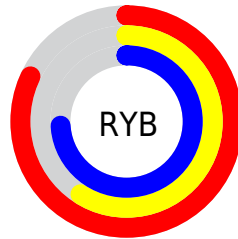
Distribution



Red (82%)

Green (59%)

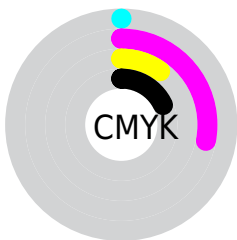
Blue (74%)



Red (82%)

Yellow (59%)

Blue (74%)

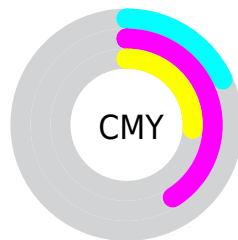


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (41%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2779, 38.9988, 52.6654 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 46.2779, 38.9988, 52.6654 by changing the saturation by 10% instead.


 46.2779, 38.9988,
52.6654

 46.2779, 38.9988,
52.6654


362.6220,
341.8854, 414.0299

 32.6707, 26.7588,
37.1498

 83.8601, 73.6365,
95.5484

 22.0323, 17.3922,
25.0268


 108.5658, 96.8030,
123.7529

 13.9974, 10.5145,
15.8778

137.7017,
124.3804, 157.0241

 8.2005, 5.7414,
9.2843

171.6332,
156.7531, 195.7806

 4.2764, 2.6885,
4.8278

210.7256,
194.3056, 240.4408

 1.8597, 0.9713,
2.0896

255.3443,

 0.5532, 0.0000,

237.4222, 291.4235

0.6096

305.8547,
286.4873, 349.1470

■ 0.0000, 0.0000,
0.0000

■ 46.2779, 38.9988,
52.6654

■ 46.2779, 38.9988,
52.6654

■ 42.4544, 32.6018,
47.5358

■ 50.7399, 46.6054,
58.2127

■ 39.2336, 27.3456,
42.8075

■ 55.8668, 55.4752,
64.1882

■ 36.5815, 23.1628,
38.4668

■ 61.6876, 65.6648,
70.6049

■ 34.4592, 19.9763,
34.4972

■ 68.2286, 77.2258,
77.4744

■ 32.8225, 17.6989,
30.8810

■ 75.5148, 90.2073,
84.8077

■ 31.6195, 16.2281,
27.5973

■ 76.7110, 90.9379,
90.3294

■ 30.7735, 15.4113,
24.6173

■ 77.7944, 91.3713,
96.0344

■ 30.6402, 15.2936,
24.1137

■ 78.9231, 91.8228,
101.9781

■ 80.0976, 92.2926,
108.1633

Harmonies

Analogous

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



43.1080, 38.9988, 66.3528



46.2779, 38.9988, 52.6654



46.8730, 38.9988, 38.5713

Triad

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



46.2779, 38.9988, 52.6654



35.6821, 38.9988, 21.4614



30.3796, 38.9988, 61.1126

Complementary

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



46.2779, 38.9988, 52.6654



42.7304, 55.0263, 46.8994

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.



28.7342, 38.9988, 46.6082



46.2779, 38.9988, 52.6654



31.6189, 38.9988, 25.1301

Square

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



46.2779, 38.9988, 52.6654



40.4766, 38.9988, 22.4035



29.1677, 38.9988, 33.6715



33.8548, 38.9988, 71.9105

Rectangle

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



46.2779, 38.9988, 52.6654



45.6840, 38.9988, 31.0366



29.1677, 38.9988, 33.6715



29.6083, 38.9988, 56.3974

Sweetspot

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



46.2791, 39.0006, 52.6662



87.7367, 87.2090, 100.8032



39.1350, 35.0368, 65.0223



18.5021, 18.1841, 21.2610



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.



46.2791, 39.0006, 52.6662



68.7715, 54.7655, 77.5659



43.4472, 37.8678, 37.7539



12.1247, 11.9346, 13.9325



18.9401, 9.4489, 15.1229



1.0961, 0.5431, 1.0407

Inverse Universe

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



46.2791, 39.0006, 52.6662



68.7715, 54.7655, 77.5659



45.8223, 56.2630, 63.1812



12.1247, 11.9346, 13.9325



18.9401, 9.4489, 15.1229



1.0961, 0.5431, 1.0407

Previews

White Background



This preview shows how the XYZ color 46.2779, 38.9988, 52.6654 looks on a white background.

Color Contrast Check

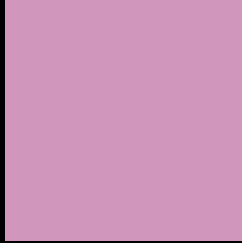
Large Text (above 18pt) WCAG AA × Fail

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 46.2779, 38.9988, 52.6654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

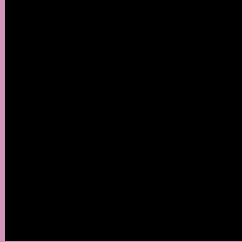
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2779, 38.9988, 52.6654

Background



This preview shows how black text looks on a background with the XYZ color 46.2779, 38.9988, 52.6654.



This preview shows how white text looks on a background with the XYZ color 46.2779, 38.9988,

52.6654.

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

46.2779, 38.9988, 52.6654

Protanopia

39.0278, 39.4423, 59.5890

Deuteranopia

39.7586, 38.9273, 51.3171



Tritanopia

43.8921, 38.9862, 41.2881

Trichromacy



Original Color

46.2779, 38.9988, 52.6654

Protanomaly

41.1856, 39.0136, 56.9894

Deuteranomaly

41.8288, 38.6903, 51.7177

Tritanomaly

44.7633, 39.1039, 45.2329

Monochromacy



Original Color

46.2779, 38.9988, 52.6654

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3189, 40.0796, 47.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2779, 38.9988, 52.6654 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(209, 150, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 150, 188)  
}
```

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(209, 150, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 150, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.2779, 38.9988, 52.6654 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(209, 150, 188) }
```


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

```
.border{ border-color:rgb(209, 150, 188) }
```

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

Here you see how a box with a 4 pixel rgb(209, 150, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 150, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 150, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 150,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2779, 38.9988, 52.6654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 150, 188) }
```

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

```
.background{ background-color: rgb(209,  
150, 188) }
```

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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