

Converting Colors

XYZ(47.9875, 38.6754, 64.9073)

Have a look what the booklet for
XYZ(47.9875, 38.6754, 64.9073)
contains.

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Color

**XYZ(47.9585, 38.6671,
64.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	D192D0
RGB	209, 146, 208
RGB Percent	82%, 57%, 82%
CMY	0.1804, 0.4274, 0.1843
CMYK	0.00, 0.30, 0.00, 0.18
HSL	301°, 41%, 70%
HSV	301°, 30%, 82%
XYZ	47.9585, 38.6671, 64.6103
YIQ	171.9050, 17.6460, 32.6380

Conversions

Conversions Part 2

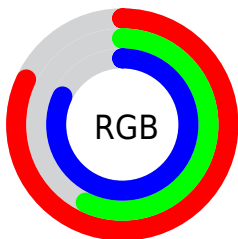
Format	Color
R_{YB}	209, 146, 208
Decimal	13734608
CIE _{Lab}	68.51, 33.79, -22.36
CIE _{LCh}	69, 40.520, 326.509
Yxy	38.6671, 0.3171, 0.2557
Android (android.graphics.Color)	4291924688 (0xFFD192D0)
YUV	171.9050, 17.7948, 32.5323
Hunter-Lab	62.1829, 28.8480, -18.0765

Details

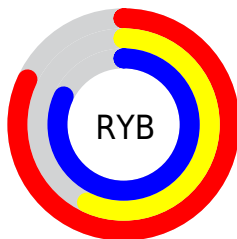
The XYZ color **47.9585, 38.6671, 64.6103** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9225, 53.8197, 35.8899**, and the grayscale version is **39.0723, 41.1071, 44.7656**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **23.0789, 17.1753, 32.2358** is the 20% darker color. If you saturate the color by 10%, you get **44.9862, 32.7870, 63.4187**, and if you desaturate by 10%, it is **51.5223, 45.7285, 66.0003**.

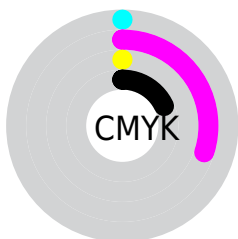
Distribution



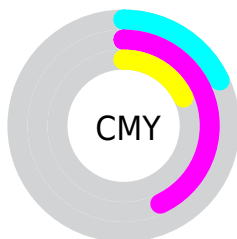
- Red (82%)
- Green (57%)
- Blue (82%)



- Red (82%)
- Yellow (57%)
- Blue (82%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)




- Cyan (18%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9585, 38.6671, 64.6103 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 47.9585, 38.6671, 64.6103 by changing the saturation by 10% instead.


 47.9585, 38.6671,
64.6103

 47.9585, 38.6671,
64.6103


369.2129,
340.4731, 459.6581

 34.0051, 26.5009,
46.6958


 86.3527, 73.1295,
113.0973

 23.0605, 17.1987,
32.4426


 111.5242, 96.1944,
144.5069

 14.7591, 10.3763,
21.4322


141.1658,
123.6610, 181.2520

 8.7357, 5.6491,
13.2460

175.6429,
155.9137, 223.7510

 4.6249, 2.6329,
7.4654

215.3208,
193.3368, 272.4226

 2.0614, 0.9432,
3.6720

260.5649,

 0.6681, 0.0000,

236.3149, 327.6853

1.4472

311.7405,
285.2321, 389.9576

■ 0.0000, 0.0000,
0.1781

■ 0.0000, 0.0000,
0.0000

■ 47.9585, 38.6671,
64.6103

■ 47.9585, 38.6671,
64.6103

■ 44.9862, 32.7870,
63.4187

■ 51.5223, 45.7285,
66.0003

■ 42.5695, 28.0188,
62.4123

■ 55.7036, 54.0255,
67.5962

■ 40.6746, 24.2939,
61.5802

■ 60.5312, 63.6151,
69.4080

■ 39.2621, 21.5339,
60.9093

■ 66.0312, 74.5493,
71.4443

■ 38.2874, 19.6493,
60.3849

■ 72.2283, 86.8774,
73.7133

■ 37.6975, 18.5341,
59.9891

■ 73.6867, 89.7283,
74.4033

■ 37.3969, 17.9963,
59.6929

■ 73.7282, 89.7448,
74.6213

■ 73.7696, 89.7614,
74.8398

■ 73.8112, 89.7780,
75.0588

Harmonies

Analogous

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



42.5024, 38.6671, 82.0048



47.9585, 38.6671, 64.6103



50.4033, 38.6671, 44.2770

Triad

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



47.9585, 38.6671, 64.6103



37.5038, 38.6671, 15.8735



26.8330, 38.6671, 59.8061

Complementary

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



47.9585, 38.6671, 64.6103



39.9225, 53.8197, 35.8899

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.



25.8190, 38.6671, 39.9992



47.9585, 38.6671, 64.6103



31.5450, 38.6671, 17.8431

Square

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



47.9585, 38.6671, 64.6103



43.9435, 38.6671, 19.0772



27.4431, 38.6671, 25.5420



30.3912, 38.6671, 78.7142

Rectangle

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



47.9585, 38.6671, 64.6103



49.8096, 38.6671, 32.8885



27.4431, 38.6671, 25.5420



26.2025, 38.6671, 52.8929

Sweetspot

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



47.9597, 38.6688, 64.6111



88.1021, 86.1979, 106.2948



33.6433, 31.2741, 64.5857



18.6342, 18.0066, 22.6670



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.



47.9597, 38.6688, 64.6111



72.1889, 54.6519, 100.1261



44.5605, 37.3091, 46.7111



12.3024, 12.0057, 14.8681



23.0612, 11.0973, 36.8239



1.2921, 0.6216, 2.0729

Inverse Universe

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



47.9597, 38.6688, 64.6111



72.1889, 54.6519, 100.1261



42.6417, 54.9074, 50.2090



12.3024, 12.0057, 14.8681



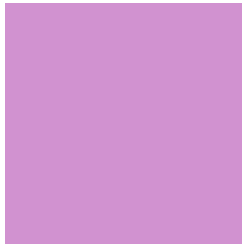
23.0612, 11.0973, 36.8239



1.2921, 0.6216, 2.0729

Previews

White Background



This preview shows how the XYZ color 47.9585, 38.6671, 64.6103 looks on a white background.

Color Contrast Check

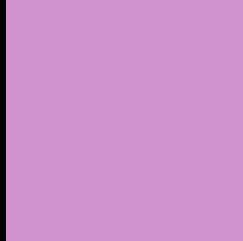
Large Text (above 18pt) WCAG AA × Fail

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 47.9585, 38.6671, 64.6103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

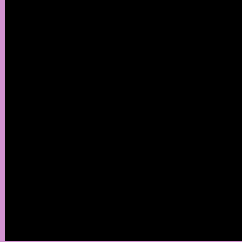
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9585, 38.6671, 64.6103

Background



This preview shows how black text looks on a background with the XYZ color 47.9585, 38.6671, 64.6103.



This preview shows how white text looks on a background with the XYZ color 47.9585, 38.6671,

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

47.9585, 38.6671, 64.6103

Protanopia

39.5888, 38.8596, 74.5213

Deuteranopia

39.8120, 38.9580, 63.1789



Tritanopia

43.0671, 38.5609, 41.2495

Trichromacy



Original Color

47.9585, 38.6671, 64.6103

Protanomaly

41.9848, 38.3477, 70.8346

Deuteranomaly

42.2536, 38.3939, 63.5763

Tritanomaly

44.5839, 38.4485, 48.7875

Monochromacy



Original Color

47.9585, 38.6671, 64.6103

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.8617, 40.0115, 51.4156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9585, 38.6671, 64.6103 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, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 208)  
}
```

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, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 208) }
```

Border

The CSS property to change the border of an element to XYZ 47.9585, 38.6671, 64.6103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

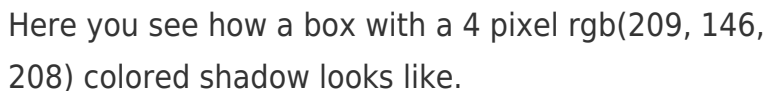
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 146, 208) }
```


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

```
.border{ border-color:rgb(209, 146, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 146, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 146, 208); box-shadow:4px 4px 4px 4px rgb(209, 146, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9585, 38.6671, 64.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 208) }
```

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

```
.background{ background-color: rgb(209,  
146, 208) }
```

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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