

Converting Colors

XYZ(48.0294, 38.4178, 62.0063)

Have a look what the booklet for
XYZ(48.0294, 38.4178, 62.0063)
contains.

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Color

**XYZ(48.1759, 38.6075,
62.0396)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D491CC |
| RGB | 212, 145, 204 |
| RGB Percent | 83%, 57%, 80% |
| CMY | 0.1686, 0.4314, 0.2000 |
| CMYK | 0.00, 0.32, 0.04, 0.17 |
| HSL | 307°, 44%, 70% |
| HSV | 307°, 32%, 83% |
| XYZ | 48.1759, 38.6075, 62.0396 |
| YIQ | 171.7590, 20.9930, 32.5530 |

Conversions

Conversions Part 2

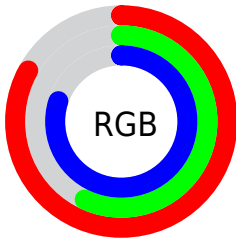
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 145, 204 |
| Decimal | 13930956 |
| CIE _{Lab} | 68.47, 34.58, -20.17 |
| CIE _{LCh} | 68, 40.035, 329.740 |
| Y _{xy} | 38.6075, 0.3237, 0.2594 |
| Android (android.graphics.Color) | 4292121036 (0xFFD491CC) |
| YUV | 171.7590, 15.8948, 35.2914 |
| Hunter-Lab | 62.1349, 29.6626, -15.7046 |

Details

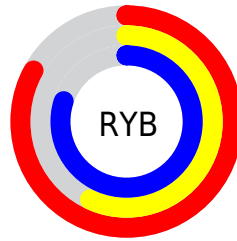
The XYZ color **48.1759, 38.6075, 62.0396** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.9719, 55.4079, 38.6747**, and the grayscale version is **39.0068, 41.0382, 44.6906**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **23.1297, 17.0986, 30.9355** is the 20% darker color. If you saturate the color by 10%, you get **44.9329, 32.6028, 59.4730**, and if you desaturate by 10%, it is **52.0307, 45.8264, 64.8354**.

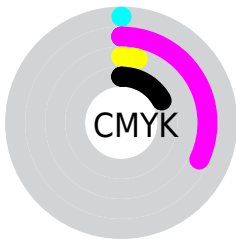
Distribution



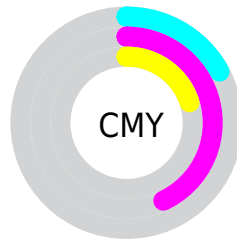
- Red (83%)
- Green (57%)
- Blue (80%)



- Red (83%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (17%)




- Cyan (17%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1759, 38.6075, 62.0396 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 48.1759, 38.6075, 62.0396 by changing the saturation by 10% instead.


 48.1759, 38.6075,
62.0396

 48.1759, 38.6075,
62.0396


370.0599,
340.2189, 450.0872

 34.1780, 26.4545,
44.6287


 86.6744, 73.0383,
109.3549

 23.1939, 17.1640,
30.8243


 111.9057, 96.0850,
140.0964

 14.8583, 10.3515,
20.2077


141.6122,
123.5316, 176.1185

 8.8056, 5.6326,
12.3606

176.1592,
155.7627, 217.8398

 4.6707, 2.6230,
6.8642

215.9121,
193.1625, 265.6787

 2.0881, 0.9382,
3.3002

261.2363,

 0.6828, 0.0000,

236.1156, 320.0539

1.2499

312.4971,
285.0062, 381.3839

■ 0.0000, 0.0000,
0.0202

■ 0.0000, 0.0000,
0.0000

■ 48.1759, 38.6075,
62.0396

■ 48.1759, 38.6075,
62.0396

■ 44.9329, 32.6028,
59.4730

■ 52.0307, 45.8264,
64.8354

■ 42.2643, 27.7399,
57.1216

■ 56.5247, 54.3167,
67.8683

■ 40.1344, 23.9464,
54.9740

■ 61.6882, 64.1378,
71.1489

■ 38.5018, 21.1398,
53.0161

■ 67.5483, 75.3442,
74.6864

37.3192, 19.2253,
51.2321

74.1308, 87.9871,
78.4895

36.5297, 18.0895,
49.6029

75.7231, 90.6418,
80.6541

36.0877, 17.5716,
48.3267

76.0594, 90.7763,
82.4251

76.4008, 90.9129,
84.2229

76.7473, 91.0515,
86.0477

Harmonies

Analogous

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



43.0339, 38.6075, 79.8969



48.1759, 38.6075, 62.0396



50.1805, 38.6075, 42.1945

Triad

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



48.1759, 38.6075, 62.0396



36.7502, 38.6075, 16.0256



27.1559, 38.6075, 61.6872

Complementary

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



48.1759, 38.6075, 62.0396



40.9719, 55.4079, 38.6747

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.



25.8723, 38.6075, 41.8799



48.1759, 38.6075, 62.0396



31.0118, 38.6075, 18.5481

Square

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



48.1759, 38.6075, 62.0396



43.1398, 38.6075, 18.6394



27.2009, 38.6075, 26.8749



30.9268, 38.6075, 79.6558

Rectangle

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



48.1759, 38.6075, 62.0396



49.3093, 38.6075, 31.3810



27.2009, 38.6075, 26.8749



26.4398, 38.6075, 54.8675

Sweetspot

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



48.1771, 38.6092, 62.0404



87.7225, 86.0461, 104.2962



35.1131, 31.7607, 66.5680



18.5399, 17.9689, 22.1708



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.



48.1771, 38.6092, 62.0404



69.7264, 52.2448, 91.5430



44.5988, 37.1779, 43.1972



12.8862, 12.6060, 15.3409



22.3031, 10.8576, 29.9638



1.3637, 0.6623, 1.9044

Inverse Universe

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



48.1771, 38.6092, 62.0404



69.7264, 52.2448, 91.5430



44.1187, 56.6666, 55.2450



12.8862, 12.6060, 15.3409



22.3031, 10.8576, 29.9638



1.3637, 0.6623, 1.9044

Previews

White Background



This preview shows how the XYZ color 48.1759, 38.6075, 62.0396 looks on a white background.

Color Contrast Check

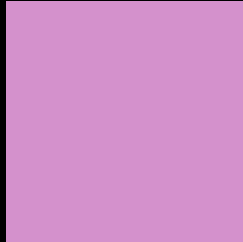
Large Text (above 18pt) WCAG AA × Fail

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 48.1759, 38.6075, 62.0396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

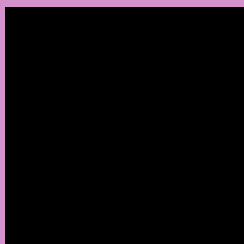
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1759, 38.6075, 62.0396

Background



This preview shows how black text looks on a background with the XYZ color 48.1759, 38.6075, 62.0396.



This preview shows how white text looks on a background with the XYZ color 48.1759, 38.6075,

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

48.1759, 38.6075, 62.0396

Protanopia

39.2469, 38.7445, 71.7396

Deuteranopia

39.7544, 38.9835, 60.6876



Tritanopia

43.8242, 38.7282, 40.2875

Trichromacy



Original Color

48.1759, 38.6075, 62.0396



Protanomaly

41.6927, 38.2565, 68.1376



Deuteranomaly

42.2461, 38.4455, 61.0712



Tritanomaly

45.3375, 38.6227, 47.7132

Monochromacy



Original Color

48.1759, 38.6075, 62.0396



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

42.0656, 39.8661, 50.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1759, 38.6075, 62.0396 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(212, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 204)  
}
```

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(212, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 204) }
```

Border

The CSS property to change the border of an element to XYZ 48.1759, 38.6075, 62.0396 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(212, 145, 204) }
```


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

```
.border{ border-color:rgb(212, 145, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1759, 38.6075, 62.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 204) }
```

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

```
.background{ background-color: rgb(212,  
145, 204) }
```

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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