

Converting Colors

XYZ(48.5410, 38.8276, 64.2243)

Have a look what the booklet for
XYZ(48.5410, 38.8276, 64.2243)
contains.

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Color

**XYZ(48.5393, 38.7528,
63.9532)**

Conversions

Conversions Part 1

Format	Color
Hex	D491CF
RGB	212, 145, 207
RGB Percent	83%, 57%, 81%
CMY	0.1686, 0.4314, 0.1882
CMYK	0.00, 0.32, 0.02, 0.17
HSL	304°, 44%, 70%
HSV	304°, 32%, 83%
XYZ	48.5393, 38.7528, 63.9532
YIQ	172.1010, 20.0300, 33.4860

Conversions

Conversions Part 2

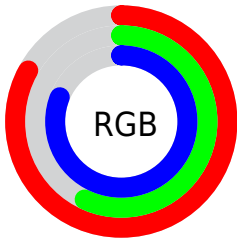
Format	Color
R _{YB}	212, 145, 207
Decimal	13930959
CIE Lab	68.57, 35.12, -21.68
CIE LCh	69, 41.276, 328.316
Yxy	38.7528, 0.3209, 0.2562
Android (android.graphics.Color)	4292121039 (0xFFD491CF)
YUV	172.1010, 17.2052, 34.9914
Hunter-Lab	62.2517, 30.2405, -17.3343

Details

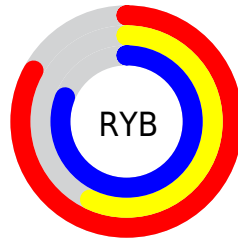
The XYZ color **48.5393, 38.7528, 63.9532** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.7272, 55.3101, 37.3858**, and the grayscale version is **39.1734, 41.2134, 44.8814**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **23.3744, 17.1965, 32.2243** is the 20% darker color. If you saturate the color by 10%, you get **45.4050, 32.7916, 61.9591**, and if you desaturate by 10%, it is **52.2824, 45.9270, 66.1606**.

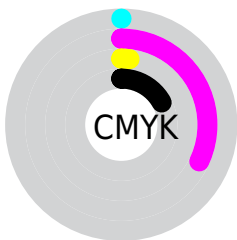
Distribution



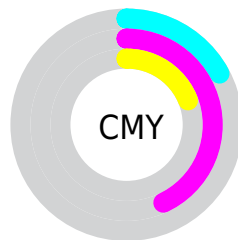
- Red (83%)
- Green (57%)
- Blue (81%)



- Red (83%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (2%)
- Black (17%)




- Cyan (17%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5393, 38.7528, 63.9532 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 48.5393, 38.7528, 63.9532 by changing the saturation by 10% instead.


 48.5393, 38.7528,
63.9532


 48.5393, 38.7528,
63.9532


371.4729,
340.8384, 457.2234

 34.4672, 26.5675,
46.1668


 87.2117, 73.2605,
112.1424

 23.4173, 17.2487,
32.0279


 112.5426, 96.3517,
143.3822

 15.0243, 10.4119,
21.1178


142.3573,
123.8470, 179.9437

 8.9229, 5.6729,
13.0181

177.0210,
156.1307, 222.2452

 4.7476, 2.6472,
7.3101

216.8990,
193.5874, 270.7054

 2.1332, 0.9505,
3.5754

262.3568,

 0.7072, 0.0000,

236.6012, 325.7428

1.3954

313.7596,
285.5568, 387.7760

■ 0.0000, 0.0000,
0.1382

■ 0.0000, 0.0000,
0.0000

■ 48.5393, 38.7528,
63.9532

■ 48.5393, 38.7528,
63.9532

■ 45.4050, 32.7916,
61.9591

■ 52.2824, 45.9270,
66.1606

■ 42.8422, 27.9710,
60.1646

■ 56.6617, 54.3714,
68.5894

■ 40.8151, 24.2187,
58.5582

■ 61.7074, 64.1454,
71.2498

■ 39.2824, 21.4520,
57.1260

■ 67.4467, 75.3035,
74.1511

38.1966, 19.5762,
55.8523

73.9052, 87.8968,
77.3019

37.5012, 18.4780,
54.7181

75.3707, 90.5008,
78.7979

37.1359, 17.9909,
53.8458

75.5769, 90.5833,
79.8840

75.7851, 90.6666,
80.9805

75.9953, 90.7507,
82.0874

Harmonies

Analogous

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



43.0926, 38.7528, 82.2552



48.5393, 38.7528, 63.9532



50.8088, 38.7528, 43.2572

Triad

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



48.5393, 38.7528, 63.9532



37.2023, 38.7528, 15.5563



26.8800, 38.7528, 61.5763

Complementary

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



48.5393, 38.7528, 63.9532



40.7272, 55.3101, 37.3858

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.



25.6890, 38.7528, 41.1507



48.5393, 38.7528, 63.9532



31.2116, 38.7528, 17.8578

Square

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



48.5393, 38.7528, 63.9532



43.8037, 38.7528, 18.4581



27.1792, 38.7528, 26.0339



30.6447, 38.7528, 80.6226

Rectangle

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



48.5393, 38.7528, 63.9532



50.0340, 38.7528, 31.9065



27.1792, 38.7528, 26.0339



26.1864, 38.7528, 54.4873

Sweetspot

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



48.5405, 38.7545, 63.9540



87.8861, 86.1115, 105.1575



34.4905, 31.4397, 66.5390



18.5805, 17.9851, 22.3845



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.



48.5405, 38.7545, 63.9540



70.3911, 52.5107, 95.0433



44.9215, 37.3069, 44.8964



12.9112, 12.6160, 15.4724



22.9419, 11.1131, 33.3276



1.3959, 0.6752, 2.0744

Inverse Universe

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



48.5405, 38.7545, 63.9540



70.3911, 52.5107, 95.0433



43.7658, 56.5255, 53.3869



12.9112, 12.6160, 15.4724



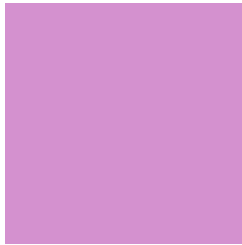
22.9419, 11.1131, 33.3276



1.3959, 0.6752, 2.0744

Previews

White Background



This preview shows how the XYZ color 48.5393, 38.7528, 63.9532 looks on a white background.

Color Contrast Check

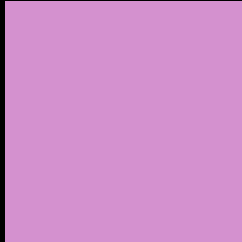
Large Text (above 18pt) WCAG AA × Fail

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 48.5393, 38.7528, 63.9532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

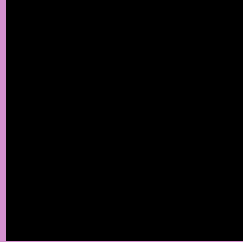
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5393, 38.7528, 63.9532

Background



This preview shows how black text looks on a background with the XYZ color 48.5393, 38.7528, 63.9532.



This preview shows how white text looks on a background with the XYZ color 48.5393, 38.7528,

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

48.5393, 38.7528, 63.9532

Protanopia

39.7699, 39.2218, 74.5817

Deuteranopia

39.7808, 38.9697, 61.9251



Tritanopia

43.6364, 38.6209, 40.7520

Trichromacy



Original Color

48.5393, 38.7528, 63.9532

Protanomaly

42.2068, 38.4621, 70.8450

Deuteranomaly

42.4845, 38.5409, 62.3267

Tritanomaly

45.1570, 38.5179, 48.2347

Monochromacy



Original Color

48.5393, 38.7528, 63.9532

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.1708, 39.9082, 51.3794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5393, 38.7528, 63.9532 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.5393, 38.7528, 63.9532 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, 207) }
```


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

```
.border{ border-color:rgb(212, 145, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5393, 38.7528, 63.9532 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, 207) }
```

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

```
.background{ background-color: rgb(212,  
145, 207) }
```

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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