

Converting Colors

XYZ(48.2328, 38.2408, 60.9126)

Have a look what the booklet for
XYZ(48.2328, 38.2408, 60.9126)
contains.

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Color

**XYZ(48.2147, 38.2053,
60.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FCA
RGB	214, 143, 202
RGB Percent	84%, 56%, 79%
CMY	0.1608, 0.4392, 0.2078
CMYK	0.00, 0.33, 0.06, 0.16
HSL	310°, 46%, 70%
HSV	310°, 33%, 84%
XYZ	48.2147, 38.2053, 60.7103
YIQ	170.9550, 23.3770, 33.4010

Conversions

Conversions Part 2

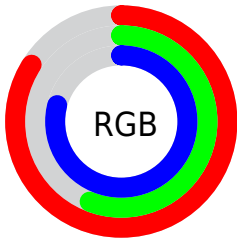
Format	Color
RYB	214, 143, 202
Decimal	14061514
CIELab	68.17, 35.96, -19.49
CIELCh	68, 40.898, 331.541
Yxy	38.2053, 0.3277, 0.2597
Android (android.graphics.Color)	4292251594 (0xFFD68FCA)
YUV	170.9550, 15.3052, 37.7505
Hunter-Lab	61.8104, 31.0691, -14.9674

Details

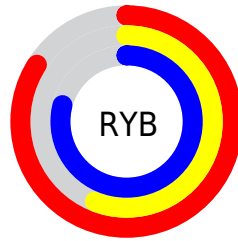
The XYZ color **48.2147, 38.2053, 60.7103** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2922, 56.3006, 39.7034**, and the grayscale version is **38.6045, 40.6149, 44.2297**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **23.1869, 16.8894, 30.0549** is the 20% darker color. If you saturate the color by 10%, you get **44.8804, 32.2135, 57.5108**, and if you desaturate by 10%, it is **52.1742, 45.4301, 64.1686**.

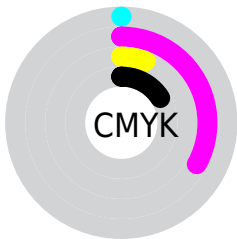
Distribution



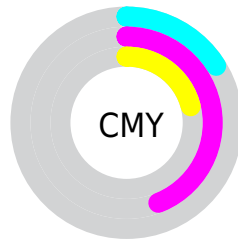
- Red (84%)
- Green (56%)
- Blue (79%)



- Red (84%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2147, 38.2053, 60.7103 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 48.2147, 38.2053, 60.7103 by changing the saturation by 10% instead.


 48.2147, 38.2053,
60.7103


 48.2147, 38.2053,
60.7103


370.2110,
338.4998, 445.0881

 34.2089, 26.1421,
43.5624


 86.7317, 72.4227,
107.4128

 23.2178, 16.9300,
29.9919


 111.9737, 95.3457,
137.8045

 14.8760, 10.1846,
19.5805


141.6918,
122.6573, 173.4478

 8.8181, 5.5215,
11.9094

176.2513,
154.7421, 214.7613

 4.6789, 2.5564,
6.5602

216.0176,
191.9843, 262.1635

 2.0929, 0.9048,
3.1144

261.3561,

 0.6854, 0.0000,

234.7684, 316.0731

1.1533

312.6321,
283.4788, 376.9084

■ 0.0000, 0.0000,
0.0000

■ 48.2147, 38.2053,
60.7103

■ 48.2147, 38.2053,
60.7103

■ 44.8804, 32.2135,
57.5108

■ 52.1742, 45.4301,
64.1686

■ 42.1327, 27.3795,
54.5556

■ 56.7876, 53.9472,
67.8943

■ 39.9342, 23.6283,
51.8323


■ 62.0860, 63.8181,
71.8985


■ 38.2418, 20.8734,
49.3263

■ 68.0977, 75.0990,
76.1910


■ 37.0057, 19.0155,
47.0205


■ 74.8490, 87.8429,
80.7810


 36.1658, 17.9343,
44.8946

 76.9064, 91.1821,
83.8574

 35.7507, 17.5038,
43.5239

 77.4015, 91.3802,
86.4645

 77.9071, 91.5824,
89.1269

 78.4232, 91.7888,
91.8449

Harmonies

Analogous

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



43.1232, 38.2053, 79.3492



48.2147, 38.2053, 60.7103



50.0242, 38.2053, 40.6605

Triad

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



48.2147, 38.2053, 60.7103



35.9838, 38.2053, 15.4160



26.8201, 38.2053, 62.8422

Complementary

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



48.2147, 38.2053, 60.7103



41.2922, 56.3006, 39.7034

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.



25.3684, 38.2053, 42.5519



48.2147, 38.2053, 60.7103



30.2604, 38.2053, 18.2477

Square

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



48.2147, 38.2053, 60.7103



42.4850, 38.2053, 17.7072



26.5512, 38.2053, 26.9894



30.7697, 38.2053, 80.8126

Rectangle

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



48.2147, 38.2053, 60.7103



48.9752, 38.2053, 29.9760



26.5512, 38.2053, 26.9894



26.0462, 38.2053, 55.8945

Sweetspot

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



48.2159, 38.2070, 60.7111



86.7616, 84.5212, 102.7520



35.4474, 31.4540, 67.8221



18.3395, 17.6615, 21.8156



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.



48.2159, 38.2070, 60.7111



68.0285, 50.2014, 86.8079



44.4997, 36.7205, 41.1420



12.8587, 12.5950, 15.1962



21.6423, 10.5932, 26.4840



1.3298, 0.6487, 1.7260

Inverse Universe

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



48.2159, 38.2070, 60.7111



68.0285, 50.2014, 86.8079



44.7064, 57.6663, 57.6823



12.8587, 12.5950, 15.1962



21.6423, 10.5932, 26.4840



1.3298, 0.6487, 1.7260

Previews

White Background



This preview shows how the XYZ color 48.2147, 38.2053, 60.7103 looks on a white background.

Color Contrast Check

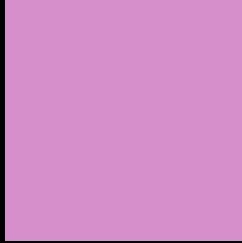
Large Text (above 18pt) WCAG AA × Fail

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 48.2147, 38.2053, 60.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

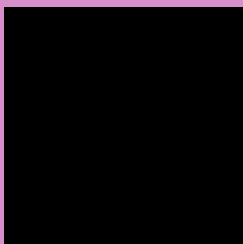
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2147, 38.2053, 60.7103

Background



This preview shows how black text looks on a background with the XYZ color 48.2147, 38.2053, 60.7103.



This preview shows how white text looks on a background with the XYZ color 48.2147, 38.2053,

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

48.2147, 38.2053, 60.7103

Protanopia

38.9284, 38.5954, 71.0436

Deuteranopia

39.2266, 38.4871, 58.7874



Tritanopia

43.8827, 38.2972, 39.2616

Trichromacy



Original Color

48.2147, 38.2053, 60.7103



Protanomaly

41.6198, 37.9814, 67.4249



Deuteranomaly

41.9644, 38.0908, 59.1733



Tritanomaly

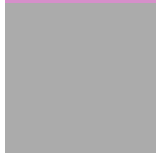
45.3897, 38.2030, 46.5766

Monochromacy



Original Color

48.2147, 38.2053, 60.7103



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

41.6819, 39.4319, 49.6702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2147, 38.2053, 60.7103 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(214, 143, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 202)  
}
```

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(214, 143, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 202) }
```

Border

The CSS property to change the border of an element to XYZ 48.2147, 38.2053, 60.7103 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(214, 143, 202) }
```


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

```
.border{ border-color:rgb(214, 143, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2147, 38.2053, 60.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 202) }
```

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

```
.background{ background-color: rgb(214,  
143, 202) }
```

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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