

Converting Colors

XYZ(56.5634, 48.0929, 88.8371)

Have a look what the booklet for
XYZ(56.5634, 48.0929, 88.8371)
contains.

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Color

**XYZ(56.5948, 48.1454,
88.7482)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A8F0
RGB	211, 168, 240
RGB Percent	83%, 66%, 94%
CMY	0.1725, 0.3412, 0.0588
CMYK	0.12, 0.30, 0.00, 0.06
HSL	276°, 71%, 80%
HSV	276°, 30%, 94%
XYZ	56.5948, 48.1454, 88.7482
YIQ	189.0650, 2.5160, 31.5080

Conversions

Conversions Part 2

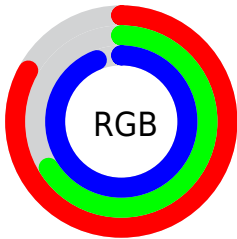
Format	Color
R _Y B	211, 168, 240
Decimal	13871344
CIE Lab	74.92, 28.76, -30.07
CIE LCh	75, 41.612, 313.728
Yxy	48.1454, 0.2925, 0.2488
Android (android.graphics.Color)	4292061424 (0xFFD3A8F0)
YUV	189.0650, 25.1110, 19.2370
Hunter-Lab	69.3869, 24.1649, -27.2631

Details

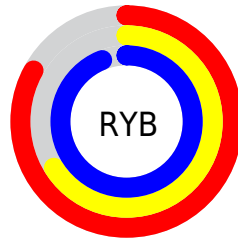
The XYZ color **56.5948, 48.1454, 88.7482** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.2554, 77.0188, 48.6855**, and the grayscale version is **48.2682, 50.7819, 55.3015**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **28.4928, 22.7901, 48.2446** is the 20% darker color. If you saturate the color by 10%, you get **49.8799, 38.7032, 87.2803**, and if you desaturate by 10%, it is **64.2970, 59.3128, 90.4985**.

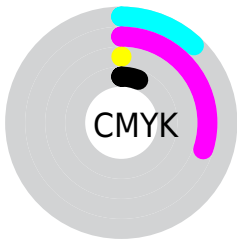
Distribution



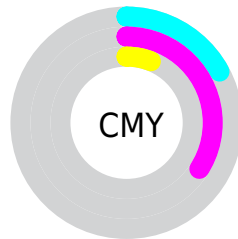
- Red (83%)
- Green (66%)
- Blue (94%)



- Red (83%)
- Yellow (66%)
- Blue (94%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)





- Cyan (17%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5948, 48.1454, 88.7482 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 56.5948, 48.1454, 88.7482 by changing the saturation by 10% instead.


 56.5948, 48.1454,
88.7482


 56.5948, 48.1454,
88.7482


401.9680,
379.3682, 544.4150

 40.9189, 33.9420,
66.3750


 99.0085, 87.4209,
147.5186

 28.4431, 22.8491,
48.1185


 126.4770,
113.2617, 184.7530

 18.8021, 14.4821,
33.5601


158.6070,
143.7506, 227.7782

 11.6305, 8.4567,
22.2812

195.7639,
179.2718, 277.0127

 6.5630, 4.3886,
13.8634

238.3132,
220.2098, 332.8751

 3.2342, 1.8932,
7.8881

286.6200,

 1.2788, 0.5443,

266.9489, 395.7839

3.9367

341.0498,
319.8736, 466.1577

■ 0.1673, 0.0000,
1.5907

■ 0.0000, 0.0000,
0.2841

■ 56.5948, 48.1454,
88.7482

■ 56.5948, 48.1454,
88.7482

■ 49.8799, 38.7032,
87.2803

■ 64.2970, 59.3128,
90.4985

■ 44.0998, 30.8886,
86.0766

■ 73.0263, 72.2840,
92.5421

■ 39.2035, 24.6032,
85.1215

■ 82.8258, 87.1399,
94.8931

■ 35.1329, 19.7352,
84.3964

■ 90.7942, 98.0743,
96.5837

■ 31.8219, 16.1571,
83.8803

■ 92.7283, 99.0713,
96.6742

■ 29.1923, 13.7172,
83.5479

■ 27.1142, 12.1610,
83.3571

■ 27.1139, 12.1608,
83.3570

Harmonies

Analogous

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



49.3080, 48.1454, 104.3355



56.5948, 48.1454, 88.7482



61.2290, 48.1454, 65.0117

Triad

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



56.5948, 48.1454, 88.7482



49.9681, 48.1454, 21.6912



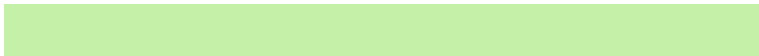
33.0103, 48.1454, 62.9668

Complementary

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



56.5948, 48.1454, 88.7482



61.2554, 77.0188, 48.6855

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.



33.1453, 48.1454, 41.5728



56.5948, 48.1454, 88.7482



42.3878, 48.1454, 21.4259

Square

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



56.5948, 48.1454, 88.7482



57.1238, 48.1454, 28.5357



36.4059, 48.1454, 27.6707



36.0144, 48.1454, 86.8993

Rectangle

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



56.5948, 48.1454, 88.7482



61.9030, 48.1454, 49.7543



36.4059, 48.1454, 27.6707



32.7012, 48.1454, 55.1837

Sweetspot

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



56.5964, 48.1474, 88.7493



84.8413, 84.5102, 106.4482



52.0725, 55.0061, 90.3116



17.8267, 17.5886, 22.7053



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.



56.5964, 48.1474, 88.7493



60.1036, 48.3947, 100.7811



64.7904, 52.4729, 84.5563



15.8026, 15.6955, 19.9182



14.9968, 6.7365, 45.6377



1.3597, 0.6182, 3.8019

Inverse Universe

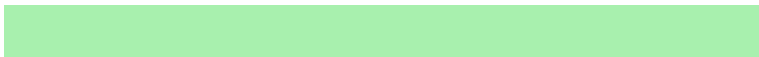
The Inverse Universe completely reimagines the original color for something new.



60.0173, 50.5637, 59.4217



64.8185, 51.7038, 61.3144



54.9501, 73.7022, 51.3762



16.0366, 15.8644, 17.7490



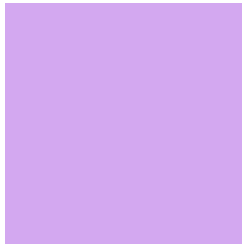
20.9058, 10.6348, 7.4206



1.7871, 0.9039, 0.8698

Previews

White Background



This preview shows how the XYZ color 56.5948, 48.1454, 88.7482 looks on a white background.

Color Contrast Check

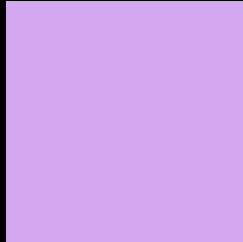
Large Text (above 18pt) WCAG AA × Fail

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 56.5948, 48.1454, 88.7482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

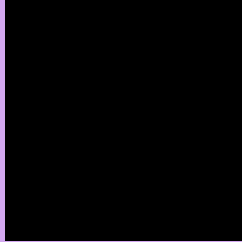
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5948, 48.1454, 88.7482

Background



This preview shows how black text looks on a background with the XYZ color 56.5948, 48.1454, 88.7482.



This preview shows how white text looks on a background with the XYZ color 56.5948, 48.1454,

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

56.5948, 48.1454, 88.7482

Protanopia

49.6576, 48.4203, 97.9956

Deuteranopia

49.4891, 48.2761, 86.8306



Tritanopia

49.7547, 47.9024, 55.9139

Trichromacy



Original Color

56.5948, 48.1454, 88.7482

Protanomaly

51.8020, 48.1048, 94.5506

Deuteranomaly

51.6970, 47.9151, 87.4127

Tritanomaly

52.0983, 47.9974, 66.8401

Monochromacy



Original Color

56.5948, 48.1454, 88.7482

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.9350, 49.4721, 66.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5948, 48.1454, 88.7482 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(211, 168, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 168, 240)  
}
```

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(211, 168, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 168, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.5948, 48.1454, 88.7482 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(211, 168, 240) }
```


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

```
.border{ border-color:rgb(211, 168, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 168, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 168, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 168, 240);  
box-shadow:4px 4px 4px 4px rgb(211, 168,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5948, 48.1454, 88.7482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 168, 240) }
```

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

```
.background{ background-color: rgb(211,  
168, 240) }
```

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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