

Converting Colors

XYZ(58.0784, 47.6812, 78.2315)

Have a look what the booklet for
XYZ(58.0784, 47.6812, 78.2315)
contains.

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Color

**XYZ(58.1887, 47.8541,
78.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A3E2
RGB	226, 163, 226
RGB Percent	89%, 64%, 89%
CMY	0.1137, 0.3608, 0.1137
CMYK	0.00, 0.28, 0.00, 0.11
HSL	300°, 52%, 76%
HSV	300°, 28%, 89%
XYZ	58.1887, 47.8541, 78.1214
YIQ	189.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

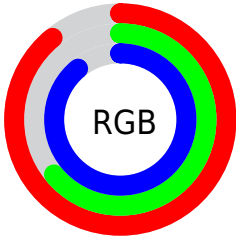
Format	Color
R _Y B	226, 163, 226
Decimal	14853090
CIE Lab	74.73, 33.47, -22.61
CIE LCh	75, 40.390, 325.957
Yxy	47.8541, 0.3160, 0.2598
Android (android.graphics.Color)	4293043170 (0xFFE2A3E2)
YUV	189.0190, 18.2316, 32.4323
Hunter-Lab	69.1767, 29.0881, -18.5327

Details

The XYZ color **58.1887, 47.8541, 78.1214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9134, 64.8252, 44.5874**, and the grayscale version is **48.2740, 50.7880, 55.3082**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **29.5042, 22.6382, 41.3426** is the 20% darker color. If you saturate the color by 10%, you get **54.5294, 40.5347, 76.9020**, and if you desaturate by 10%, it is **62.5680, 56.6117, 79.5818**.

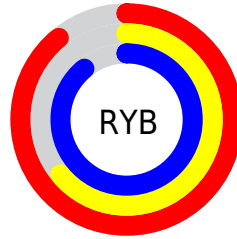
Distribution



Red (89%)

Green (64%)

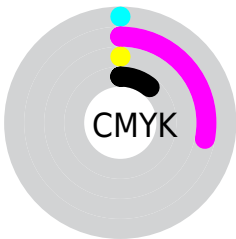
Blue (89%)



Red (89%)

Yellow (64%)

Blue (89%)

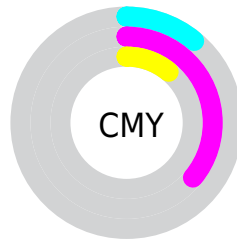


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1887, 47.8541, 78.1214 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 58.1887, 47.8541, 78.1214 by changing the saturation by 10% instead.


 58.1887, 47.8541,
78.1214


 58.1887, 47.8541,
78.1214


407.8312,
378.2135, 508.1179

 42.2042, 33.7114,
57.6567


 101.3190, 86.9871,
132.5087

 29.4530, 22.6719,
41.1198

 129.1955,
112.7462, 167.2683

 19.5698, 14.3515,
28.0923


161.7667,
143.1462, 207.6300

 12.1892, 8.3655,
18.1556

199.3981,
178.5715, 254.0122

 6.9458, 4.3297,
10.8912

242.4548,
219.4065, 306.8336

 3.4742, 1.8597,
5.8805

291.3024,

 1.4092, 0.5240,

266.0355, 366.5126

2.7049

346.3061,
318.8431, 433.4679

■ 0.2628, 0.0000,
0.9459

■ 0.0000, 0.0000,
0.0000

■ 58.1887, 47.8541,
78.1214

■ 58.1887, 47.8541,
78.1214

■ 54.5294, 40.5347,
76.9020

■ 62.5680, 56.6117,
79.5818

■ 51.5475, 34.5709,
75.9079

■ 67.6981, 66.8720,
81.2920

■ 49.2027, 29.8813,
75.1261

■ 73.6137, 78.7031,
83.2640

■ 47.4486, 26.3733,
74.5413

■ 80.3457, 92.1670,
85.5082

46.2328, 23.9415,
74.1359

80.8523, 93.1801,
85.6772

45.4932, 22.4625,
73.8892

80.8523, 93.1801,
85.6773

45.1441, 21.7642,
73.7727

80.8523, 93.1801,
85.6775

45.0919, 21.6600,
73.7553

80.8524, 93.1801,
85.6776

80.8524, 93.1802,
85.6778

Harmonies

Analogous

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



51.9350, 47.8541, 97.4684



58.1887, 47.8541, 78.1214



61.0389, 47.8541, 55.0025

Triad

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



58.1887, 47.8541, 78.1214



46.4847, 47.8541, 21.3248



33.9535, 47.8541, 71.8415

Complementary

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



58.1887, 47.8541, 78.1214



48.9134, 64.8252, 44.5874

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.



32.8252, 47.8541, 49.3110



58.1887, 47.8541, 78.1214



39.5904, 47.8541, 23.5895

Square

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



58.1887, 47.8541, 78.1214



53.8378, 47.8541, 25.3073



34.7776, 47.8541, 32.6198



38.0422, 47.8541, 93.2120

Rectangle

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



58.1887, 47.8541, 78.1214



60.4230, 47.8541, 41.7785



34.7776, 47.8541, 32.6198



33.2356, 47.8541, 64.0065

Sweetspot

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



58.1902, 47.8562, 78.1224



88.8839, 87.6679, 106.8445



41.9310, 39.4743, 77.3619



18.7928, 18.3004, 22.7918



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.



58.1902, 47.8562, 78.1224



73.8245, 57.5491, 101.8242



54.2568, 46.2829, 57.4096



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Inverse Universe

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



58.1902, 47.8562, 78.1224



73.8245, 57.5491, 101.8242



52.0963, 66.0983, 61.3483



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 58.1887, 47.8541, 78.1214 looks on a white background.

Color Contrast Check

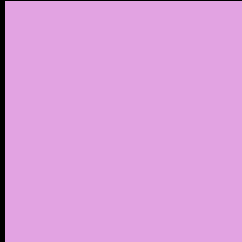
Large Text (above 18pt) WCAG AA × Fail

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 58.1887, 47.8541, 78.1214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

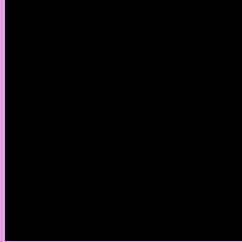
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1887, 47.8541, 78.1214

Background



This preview shows how black text looks on a background with the XYZ color 58.1887, 47.8541, 78.1214.



This preview shows how white text looks on a background with the XYZ color 58.1887, 47.8541,

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

58.1887, 47.8541, 78.1214

Protanopia

48.8183, 48.1822, 89.1652

Deuteranopia

49.1690, 48.0375, 76.4927



Tritanopia

52.7298, 47.8022, 51.7950

Trichromacy



Original Color

58.1887, 47.8541, 78.1214



Protanomaly

51.5606, 47.6053, 85.0685



Deuteranomaly

52.1438, 47.7960, 76.9983



Tritanomaly

54.4356, 47.6584, 60.3627

Monochromacy



Original Color

58.1887, 47.8541, 78.1214



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.3390, 49.4633, 62.7186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1887, 47.8541, 78.1214 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(226, 163, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 226)  
}
```

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(226, 163, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.1887, 47.8541, 78.1214 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(226, 163, 226) }
```


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

```
.border{ border-color:rgb(226, 163, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1887, 47.8541, 78.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 226) }
```

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

```
.background{ background-color: rgb(226,  
163, 226) }
```

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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