

Converting Colors

XYZ(58.6615, 50.7507, 75.1134)

Have a look what the booklet for
XYZ(58.6615, 50.7507, 75.1134)
contains.

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Color

**XYZ(58.5441, 50.5728,
75.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ACDD
RGB	224, 172, 221
RGB Percent	88%, 67%, 87%
CMY	0.1216, 0.3255, 0.1333
CMYK	0.00, 0.23, 0.01, 0.12
HSL	303°, 46%, 78%
HSV	303°, 23%, 88%
XYZ	58.5441, 50.5728, 75.0825
YIQ	193.1340, 15.2630, 26.2630

Conversions

Conversions Part 2

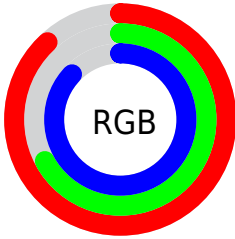
Format	Color
R_{YB}	224, 172, 221
Decimal	14724317
CIE _{Lab}	76.42, 27.06, -17.35
CIE _{LCh}	76, 32.145, 327.333
Yxy	50.5728, 0.3178, 0.2746
Android (android.graphics.Color)	4292914397 (0xFFE0ACDD)
YUV	193.1340, 13.7379, 27.0695
Hunter-Lab	71.1146, 22.4972, -12.8180

Details

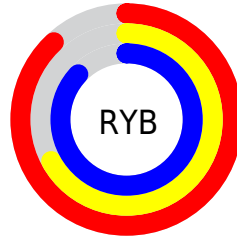
The XYZ color **58.5441, 50.5728, 75.0825** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4088, 65.1786, 50.4314**, and the grayscale version is **50.6841, 53.3236, 58.0694**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **29.6282, 24.2717, 39.1997** is the 20% darker color. If you saturate the color by 10%, you get **54.4640, 42.6862, 72.8766**, and if you desaturate by 10%, it is **63.3472, 59.9014, 77.5371**.

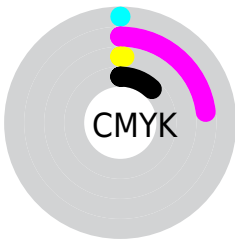
Distribution



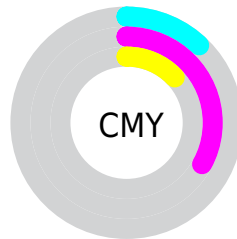
- Red (88%)
- Green (67%)
- Blue (87%)



- Red (88%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5441, 50.5728, 75.0825 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 58.5441, 50.5728, 75.0825 by changing the saturation by 10% instead.

■ 58.5441, 50.5728,
75.0825

■ 58.5441, 50.5728,
75.0825

409.1316,
388.9017, 497.4641

■ 42.4912, 35.8687,
55.1783

■ 101.8332, 91.0230,
128.1773

■ 29.6789, 24.3328,
39.1450

129.8001,
117.5379, 162.2050

■ 19.7418, 15.5807,
26.5638

162.4690,
148.7586, 201.7777

■ 12.3147, 9.2279,
17.0164

200.2053,
185.0693, 247.3139

■ 7.0321, 4.8902,
10.0841

243.3744,
226.8547, 299.2320

■ 3.5287, 2.1830,
5.3484

292.3415,

■ 1.4391, 0.7107,

274.4989, 357.9508

2.3908

347.4722,
328.3865, 423.8886

■ 0.2838, 0.0000,
0.7814

■ 0.0000, 0.0000,
0.0000

■ 58.5441, 50.5728,
75.0825

■ 58.5441, 50.5728,
75.0825

■ 54.4640, 42.6862,
72.8766

■ 63.3472, 59.9014,
77.5371

■ 51.0661, 36.1630,
70.9041

■ 68.9020, 70.7323,
80.2482

■ 48.3130, 30.9271,
69.1530

■ 75.2416, 83.1305,
83.2275

■ 46.1616, 26.8924,
67.6090

■ 80.2518, 92.8679,
85.7702

44.5635, 23.9623,
66.2559

80.4301, 92.9392,
86.7089

43.4629, 22.0252,
65.0751

80.6097, 93.0110,
87.6547

42.7924, 20.9461,
64.0441

80.7906, 93.0834,
88.6075

42.5083, 20.5545,
63.4050

80.9729, 93.1563,
89.5674

81.1566, 93.2298,
90.5345

Harmonies

Analogous

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



53.6113, 50.5728, 90.2924



58.5441, 50.5728, 75.0825



60.6537, 50.5728, 56.6305

Triad

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



58.5441, 50.5728, 75.0825



48.6114, 50.5728, 28.0335



38.4541, 50.5728, 71.8281

Complementary

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



58.5441, 50.5728, 75.0825



51.4088, 65.1786, 50.4314

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.



37.3560, 50.5728, 53.5290



58.5441, 50.5728, 75.0825



42.9205, 50.5728, 30.4489

Square

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



58.5441, 50.5728, 75.0825



54.6262, 50.5728, 31.5056



38.9226, 50.5728, 38.9651



42.0568, 50.5728, 88.1532

Rectangle

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



58.5441, 50.5728, 75.0825



60.0534, 50.5728, 45.7215



38.9226, 50.5728, 38.9651



37.7937, 50.5728, 65.6023

Sweetspot

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



58.5456, 50.5750, 75.0836



89.4522, 89.0691, 106.2182



45.7989, 43.9572, 76.5926



19.0484, 18.8731, 22.6873



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.



58.5456, 50.5750, 75.0836



75.6912, 62.3325, 99.2098



55.3904, 49.3129, 58.4682



14.2591, 13.9213, 17.1345



24.7576, 11.9700, 36.9846



1.7266, 0.8339, 2.6192

Inverse Universe

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



58.5456, 50.5750, 75.0836



75.6912, 62.3325, 99.2098



54.1663, 66.2816, 64.9526



14.2591, 13.9213, 17.1345



24.7576, 11.9700, 36.9846



1.7266, 0.8339, 2.6192

Previews

White Background



This preview shows how the XYZ color 58.5441, 50.5728, 75.0825 looks on a white background.

Color Contrast Check

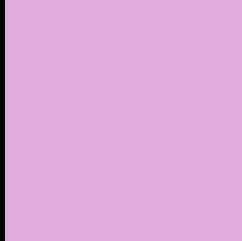
Large Text (above 18pt) WCAG AA × Fail

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 58.5441, 50.5728, 75.0825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

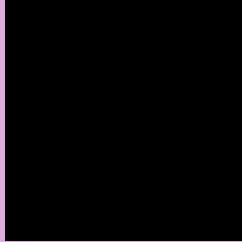
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5441, 50.5728, 75.0825

Background



This preview shows how black text looks on a background with the XYZ color 58.5441, 50.5728, 75.0825.



This preview shows how white text looks on a background with the XYZ color 58.5441, 50.5728,

75.0825.

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

58.5441, 50.5728, 75.0825

Protanopia

50.7845, 50.8939, 82.7482

Deuteranopia

51.9190, 50.7329, 74.0738



Tritanopia

54.6413, 50.4215, 56.1426

Trichromacy



Original Color

58.5441, 50.5728, 75.0825

Protanomaly

53.0988, 50.6041, 79.6420

Deuteranomaly

54.1414, 50.6472, 74.6325

Tritanomaly

55.8094, 50.2964, 62.6438

Monochromacy



Original Color

58.5441, 50.5728, 75.0825

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.0303, 51.8471, 63.7124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5441, 50.5728, 75.0825 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(224, 172, 221)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 221)  
}
```

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(224, 172, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.5441, 50.5728, 75.0825 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(224, 172, 221) }
```


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

```
.border{ border-color:rgb(224, 172, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5441, 50.5728, 75.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 221) }
```

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

```
.background{ background-color: rgb(224,  
172, 221) }
```

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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