

Converting Colors

XYZ(56.5525, 47.7004, 66.4708)

Have a look what the booklet for
XYZ(56.5525, 47.7004, 66.4708)
contains.

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Color

**XYZ(56.6423, 47.8446,
66.5712)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A5D1
RGB	227, 165, 209
RGB Percent	89%, 65%, 82%
CMY	0.1098, 0.3529, 0.1804
CMYK	0.00, 0.27, 0.08, 0.11
HSL	317°, 53%, 77%
HSV	317°, 27%, 89%
XYZ	56.6423, 47.8446, 66.5712
YIQ	188.5540, 22.8280, 26.8280

Conversions

Conversions Part 2

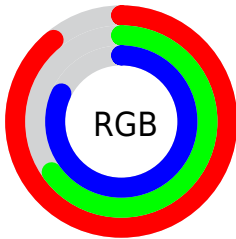
Format	Color
R_{YB}	227, 165, 209
Decimal	14919121
CIE _{Lab}	74.73, 29.70, -13.32
CIE _{LCh}	75, 32.550, 335.839
Yxy	47.8446, 0.3311, 0.2797
Android (android.graphics.Color)	4293109201 (0xFFE3A5D1)
YUV	188.5540, 10.0799, 33.7171
Hunter-Lab	69.1698, 25.1243, -8.6437

Details

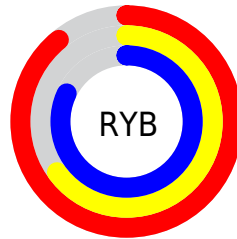
The XYZ color **56.6423, 47.8446, 66.5712** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.5353, 66.3578, 54.8947**, and the grayscale version is **48.0516, 50.5540, 55.0534**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **28.5052, 22.6128, 33.8727** is the 20% darker color. If you saturate the color by 10%, you get **52.1067, 40.0517, 61.1166**, and if you desaturate by 10%, it is **61.9412, 57.1085, 72.4479**.

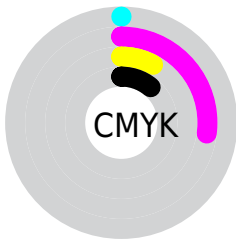
Distribution



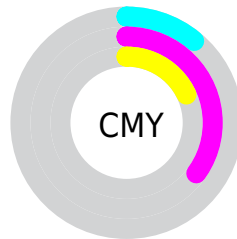
- Red (89%)
- Green (65%)
- Blue (82%)



- Red (89%)
- Yellow (65%)
- Blue (82%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6423, 47.8446, 66.5712 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 56.6423, 47.8446, 66.5712 by changing the saturation by 10% instead.


 56.6423, 47.8446,
66.5712


 56.6423, 47.8446,
66.5712


402.1435,
378.1758, 466.8768

 40.9571, 33.7038,
48.2768

 99.0774, 86.9730,
115.9406

 28.4731, 22.6662,
33.6846


 126.5581,
112.7294, 147.8527

 18.8249, 14.3472,
22.3760

158.7014,
143.1265, 185.1411

 11.6471, 8.3625,
13.9325

195.8726,
178.5486, 228.2243

 6.5743, 4.3278,
7.9355

238.4370,
219.3803, 277.5210

 3.2413, 1.8586,
3.9665

286.7601,

 1.2826, 0.5233,

266.0057, 333.4496

1.6070

341.2071,
318.8095, 396.4287

■ 0.1701, 0.0000,
0.2958

■ 0.0000, 0.0000,
0.0000

■ 56.6423, 47.8446,
66.5712

■ 56.6423, 47.8446,
66.5712

■ 52.1067, 40.0517,
61.1166

■ 61.9412, 57.1085,
72.4479

■ 48.2912, 33.6465,
56.0661

■ 68.0350, 67.9085,
78.7575

■ 45.1550, 28.5470,
51.4046

■ 74.9589, 80.3132,
85.5142

■ 42.6510, 24.6599,
47.1143

■ 82.4870, 93.8703,
92.6447

■ 40.7260, 21.8795,
43.1754

■ 83.4591, 94.2592,
97.7641

■ 39.3178, 20.0820,
39.5651

■ 84.4670, 94.6623,
103.0713

■ 38.3440, 19.1031,
36.2535

■ 85.4889, 95.0711,
108.4525

■ 38.1201, 18.9076,
35.4017

Harmonies

Analogous

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



52.4529, 47.8446, 83.1555



56.6423, 47.8446, 66.5712



57.7325, 47.8446, 48.8555

Triad

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



56.6423, 47.8446, 66.5712



44.3293, 47.8446, 25.9775



36.8766, 47.8446, 73.5504

Complementary

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



56.6423, 47.8446, 66.5712



51.5353, 66.3578, 54.8947

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.



35.0880, 47.8446, 55.4739



56.6423, 47.8446, 66.5712



39.1449, 47.8446, 29.9283

Square

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



56.6423, 47.8446, 66.5712



50.2827, 47.8446, 27.6995



35.8811, 47.8446, 39.8854



40.9837, 47.8446, 87.7570

Rectangle

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



56.6423, 47.8446, 66.5712



56.4797, 47.8446, 39.1670



35.8811, 47.8446, 39.8854



36.0013, 47.8446, 67.5933

Sweetspot

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



56.6437, 47.8467, 66.5722



87.9448, 87.2922, 101.8994



46.7478, 42.4730, 78.4080



18.5547, 18.2052, 21.5379



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.



56.6437, 47.8467, 66.5722



70.1374, 56.0743, 82.4084



53.2149, 46.4752, 48.5161



14.8074, 14.5401, 17.1861



22.2846, 11.0481, 20.9254



1.6866, 0.8324, 1.7563

Inverse Universe

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



56.6437, 47.8467, 66.5722



70.1374, 56.0743, 82.4084



55.0701, 67.7717, 73.5086



14.8074, 14.5401, 17.1861



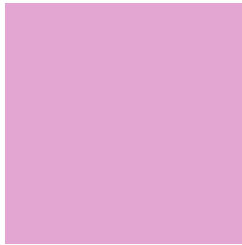
22.2846, 11.0481, 20.9254



1.6866, 0.8324, 1.7563

Previews

White Background



This preview shows how the XYZ color 56.6423, 47.8446, 66.5712 looks on a white background.

Color Contrast Check

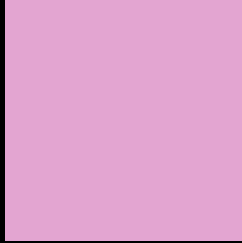
Large Text (above 18pt) WCAG AA × Fail

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 56.6423, 47.8446, 66.5712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

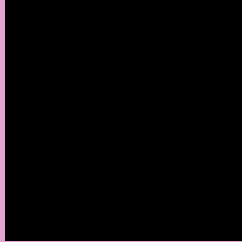
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6423, 47.8446, 66.5712

Background



This preview shows how black text looks on a background with the XYZ color 56.6423, 47.8446, 66.5712.



This preview shows how white text looks on a background with the XYZ color 56.6423, 47.8446,

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

56.6423, 47.8446, 66.5712

Protanopia

47.8891, 48.3175, 75.2088

Deuteranopia

48.9989, 47.9029, 65.0562



Tritanopia

53.6624, 48.0156, 51.2394

Trichromacy



Original Color

56.6423, 47.8446, 66.5712

Protanomaly

50.5554, 47.6625, 72.1809

Deuteranomaly

51.5754, 47.7562, 65.5310

Tritanomaly

54.5684, 47.8186, 56.2230

Monochromacy



Original Color

56.6423, 47.8446, 66.5712

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.9137, 49.3245, 59.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6423, 47.8446, 66.5712 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(227, 165, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 165, 209)  
}
```

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(227, 165, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 165, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.6423, 47.8446, 66.5712 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(227, 165, 209) }
```


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

```
.border{ border-color:rgb(227, 165, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 165, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 165, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 165, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 165,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6423, 47.8446, 66.5712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 165, 209) }
```

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

```
.background{ background-color: rgb(227,  
165, 209) }
```

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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