

Converting Colors

XYZ(57.0537, 46.0731, 50.6857)

Have a look what the booklet for
XYZ(57.0537, 46.0731, 50.6857)
contains.

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Color

**XYZ(57.0537, 46.0731,
50.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	F29CB7
RGB	242, 156, 183
RGB Percent	95%, 61%, 72%
CMY	0.0510, 0.3882, 0.2823
CMYK	0.00, 0.36, 0.24, 0.05
HSL	341°, 77%, 78%
HSV	341°, 36%, 95%
XYZ	57.0537, 46.0731, 50.6857
YIQ	184.7920, 42.5890, 26.6290

Conversions

Conversions Part 2

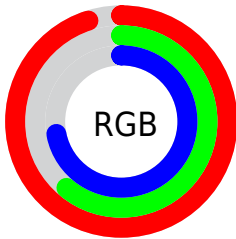
Format	Color
R _Y B	242, 156, 183
Decimal	15899831
CIE Lab	73.59, 35.60, -0.53
CIE LCh	74, 35.607, 359.144
Yxy	46.0731, 0.3709, 0.2995
Android (android.graphics.Color)	4294089911 (0xFFFF29CB7)
YUV	184.7920, -0.8835, 50.1714
Hunter-Lab	67.8772, 31.2519, 3.2406

Details

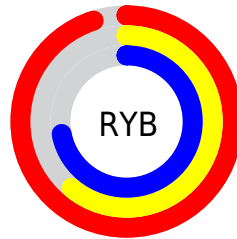
The XYZ color **57.0537, 46.0731, 50.6857** is a light color, and the websafe version is hex **FF99CC**, and the color name is **harmonious rose**. A complement of this color would be **57.7303, 75.4797, 75.8201**, and the grayscale version is **45.9879, 48.3828, 52.6889**.

A 20% lighter version of the original color is **80.1143, 74.0805, 91.7378**, and **28.6467, 21.5025, 23.7597** is the 20% darker color. If you saturate the color by 10%, you get **51.7626, 38.0951, 40.8929**, and if you desaturate by 10%, it is **63.3602, 55.7548, 61.8238**.

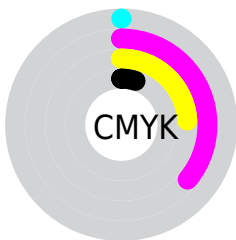
Distribution



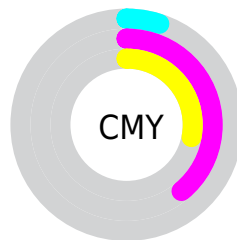
- Red (95%)
- Green (61%)
- Blue (72%)



- Red (95%)
- Yellow (61%)
- Blue (72%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0537, 46.0731, 50.6857 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 57.0537, 46.0731, 50.6857 by changing the saturation by 10% instead.


 57.0537, 46.0731,
50.6857


 57.0537, 46.0731,
50.6857


403.6614,
371.1025, 406.1531

 41.2887, 32.3035,
35.5835

 99.6744, 84.3284,
92.5968

 28.7334, 21.5934,
23.8256


 127.2609,
109.5829, 120.2427

 19.0225, 13.5585,
14.9933


159.5185,
139.4344, 152.9071

 11.7906, 7.8142,
8.6681

196.8126,
174.2675, 191.0083

 6.6725, 3.9763,
4.4315

239.5086,
214.4664, 234.9650

 3.3026, 1.6603,
1.8649

287.9718,

 1.3157, 0.3978,

260.4156, 285.1956

0.4703

342.5676,
312.4995, 342.1188

■ 0.1950, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0537, 46.0731,
50.6857

■ 57.0537, 46.0731,
50.6857

■ 51.7626, 38.0951,
40.8929

■ 63.3602, 55.7548,
61.8238

■ 47.4277, 31.7149,
32.3893

■ 70.7292, 67.2251,
74.3545

■ 43.9894, 26.8249,
25.1188

■ 79.2096, 80.5707,
88.3262

■ 41.3794, 23.3012,
19.0195

■ 88.8459, 95.8711,
103.7840

■ 39.5188, 20.9996,
14.0231

■ 90.4281, 97.6173,
108.6837

■ 38.3117, 19.7427,
10.0525

■ 37.9215, 19.3987,
8.5772

Harmonies

Analogous

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



55.0344, 46.0731, 70.1443



57.0537, 46.0731, 50.6857



55.2454, 46.0731, 35.0967

Triad

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



57.0537, 46.0731, 50.6857



38.1529, 46.0731, 25.5575



37.8677, 46.0731, 86.2282

Complementary

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



57.0537, 46.0731, 50.6857



57.7303, 75.4797, 75.8201

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.



34.0407, 46.0731, 69.0281



57.0537, 46.0731, 50.6857



34.1939, 46.0731, 34.3941

Square

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



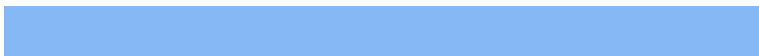
57.0537, 46.0731, 50.6857



43.9723, 46.0731, 22.8593



32.7617, 46.0731, 49.6494



43.6104, 46.0731, 93.4616

Rectangle

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



57.0537, 46.0731, 50.6857



52.2025, 46.0731, 28.2359



32.7617, 46.0731, 49.6494



36.3356, 46.0731, 81.2449

Sweetspot

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



57.0550, 46.0753, 50.6866



83.8002, 82.2127, 90.6225



55.8731, 44.6020, 89.6690



17.6632, 17.1670, 18.9447



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.



57.0550, 46.0753, 50.6866



59.6338, 44.9039, 48.5819



57.3285, 50.6961, 38.2190



15.9772, 15.8406, 17.4361



20.4259, 10.4428, 4.8935



1.7425, 0.8860, 0.6349

Inverse Universe

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



57.0550, 46.0753, 50.6866



59.6338, 44.9039, 48.5819



56.9989, 67.9999, 94.1260



15.9772, 15.8406, 17.4361



20.4259, 10.4428, 4.8935



1.7425, 0.8860, 0.6349

Previews

White Background



This preview shows how the XYZ color 57.0537, 46.0731, 50.6857 looks on a white background.

Color Contrast Check

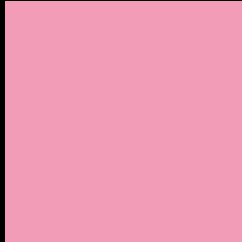
Large Text (above 18pt) WCAG AA × Fail

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 57.0537, 46.0731, 50.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

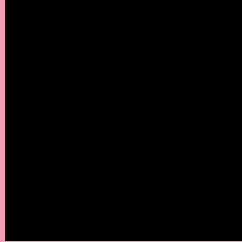
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0537, 46.0731, 50.6857

Background



This preview shows how black text looks on a background with the XYZ color 57.0537, 46.0731, 50.6857.



This preview shows how white text looks on a background with the XYZ color 57.0537, 46.0731,

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

57.0537, 46.0731, 50.6857

Protanopia

45.2217, 46.3770, 59.3915

Deuteranopia

47.1214, 46.0973, 49.5941



Tritanopia

55.7582, 46.0568, 43.9813

Trichromacy



Original Color

57.0537, 46.0731, 50.6857

Protanomaly

48.7059, 45.6281, 56.1092

Deuteranomaly

50.3675, 45.7885, 49.8995

Tritanomaly

56.0705, 45.9099, 46.4637

Monochromacy



Original Color

57.0537, 46.0731, 50.6857

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.2414, 46.8546, 51.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0537, 46.0731, 50.6857 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(242, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 183)  
}
```

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(242, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 183) }
```

Border

The CSS property to change the border of an element to XYZ 57.0537, 46.0731, 50.6857 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(242, 156, 183) }
```


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

```
.border{ border-color:rgb(242, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 156,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0537, 46.0731, 50.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 183) }
```

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

```
.background{ background-color: rgb(242,  
156, 183) }
```

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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