

Converting Colors

XYZ(56.4236, 48.1190, 60.9849)

Have a look what the booklet for
XYZ(56.4236, 48.1190, 60.9849)
contains.

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Color

**XYZ(56.3746, 48.1006,
60.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A6C8
RGB	229, 166, 200
RGB Percent	90%, 65%, 78%
CMY	0.1020, 0.3490, 0.2157
CMYK	0.00, 0.28, 0.13, 0.10
HSL	328°, 55%, 77%
HSV	328°, 28%, 90%
XYZ	56.3746, 48.1006, 60.9567
YIQ	188.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

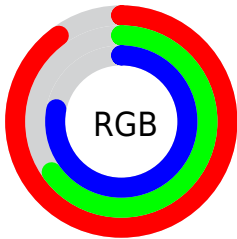
Format	Color
R _Y B	229, 166, 200
Decimal	15050440
CIE Lab	74.89, 28.34, -8.13
CIE LCh	75, 29.482, 343.990
Yxy	48.1006, 0.3408, 0.2908
Android (android.graphics.Color)	4293240520 (0xFFE5A6C8)
YUV	188.7130, 5.5645, 35.3317
Hunter-Lab	69.3546, 23.7225, -3.5626

Details

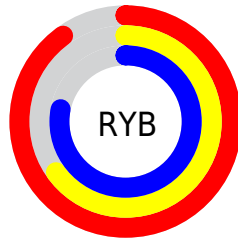
The XYZ color **56.3746, 48.1006, 60.9567** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.5975, 68.0869, 61.9500**, and the grayscale version is **48.1657, 50.6740, 55.1840**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **28.3270, 22.7698, 30.0961** is the 20% darker color. If you saturate the color by 10%, you get **51.3869, 40.0288, 53.4238**, and if you desaturate by 10%, it is **62.1913, 57.6930, 69.1861**.

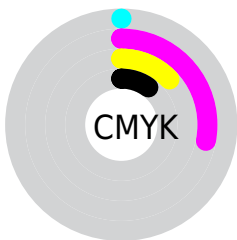
Distribution



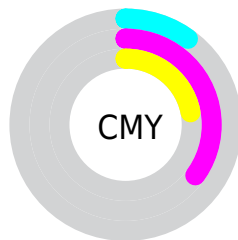
- Red (90%)
- Green (65%)
- Blue (78%)



- Red (90%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3746, 48.1006, 60.9567 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 56.3746, 48.1006, 60.9567 by changing the saturation by 10% instead.


 56.3746, 48.1006,
60.9567


 56.3746, 48.1006,
60.9567


401.1539,
379.1907, 446.0174

 40.7415, 33.9066,
43.7599


 98.6887, 87.3542,
107.7732

 28.3039, 22.8218,
30.1460


 126.1004,
113.1825, 138.2299

 18.6965, 14.4620,
19.6964


158.1691,
143.6577, 173.9437

 11.5539, 8.4427,
11.9927

195.2601,
179.1642, 215.3331

 6.5107, 4.3795,
6.6162

237.7387,
220.0863, 262.8166

 3.2016, 1.8880,
3.1485

285.9703,

 1.2613, 0.5412,

266.8085, 316.8128

1.1709

340.3202,
319.7152, 377.7402

■ 0.1539, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3746, 48.1006,
60.9567

■ 56.3746, 48.1006,
60.9567

■ 51.3869, 40.0288,
53.4238

■ 62.1913, 57.6930,
69.1861

■ 47.1828, 33.3919,
46.5624

■ 68.8707, 68.8730,
78.1300

■ 43.7192, 28.1052,
40.3499

■ 76.4500, 81.7115,
87.8090

■ 40.9464, 24.0729,
34.7610

■ 84.1257, 94.5991,
97.9631

■ 38.8087, 21.1859,
29.7676

■ 85.7569, 95.2516,
106.5527

■ 37.2405, 19.3166,
25.3384

■ 86.1233, 95.3981,
108.4822

■ 36.1545, 18.2937,
21.4344

■ 35.9249, 18.1028,
20.5309

Harmonies

Analogous

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



53.2682, 48.1006, 76.6498



56.3746, 48.1006, 60.9567



56.4830, 48.1006, 45.5470

Triad

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



56.3746, 48.1006, 60.9567



43.2680, 48.1006, 28.6073



38.6869, 48.1006, 75.7040

Complementary

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



56.3746, 48.1006, 60.9567



53.5975, 68.0869, 61.9500

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.



36.4162, 48.1006, 59.8498



56.3746, 48.1006, 60.9567



38.9175, 48.1006, 33.8545

Square

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



56.3746, 48.1006, 60.9567



48.6244, 48.1006, 28.7879



36.4971, 48.1006, 44.6362



42.9301, 48.1006, 86.2359

Rectangle

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



56.3746, 48.1006, 60.9567



54.8214, 48.1006, 37.5247



36.4971, 48.1006, 44.6362



37.6830, 48.1006, 70.6985

Sweetspot

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



56.3760, 48.1028, 60.9577



87.4085, 87.0777, 99.0752



50.1191, 44.4478, 80.0669



18.4193, 18.1510, 20.8253



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.



56.3760, 48.1028, 60.9577



68.2032, 55.3006, 72.2228



53.1266, 46.8030, 43.8464



14.7006, 14.4974, 16.6238



20.6015, 10.3748, 12.0624



1.5692, 0.7854, 1.1378

Inverse Universe

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



56.3760, 48.1028, 60.9577



68.2032, 55.3006, 72.2228



57.4536, 69.6294, 82.2560



14.7006, 14.4974, 16.6238



20.6015, 10.3748, 12.0624



1.5692, 0.7854, 1.1378

Previews

White Background



This preview shows how the XYZ color 56.3746, 48.1006, 60.9567 looks on a white background.

Color Contrast Check

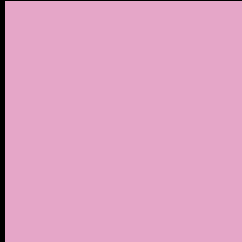
Large Text (above 18pt) WCAG AA × Fail

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 56.3746, 48.1006, 60.9567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

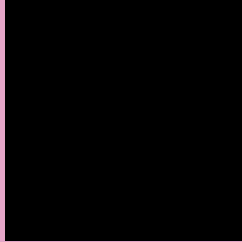
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3746, 48.1006, 60.9567

Background



This preview shows how black text looks on a background with the XYZ color 56.3746, 48.1006, 60.9567.



This preview shows how white text looks on a background with the XYZ color 56.3746, 48.1006,

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

56.3746, 48.1006, 60.9567

Protanopia

47.5137, 48.2734, 68.4415

Deuteranopia

49.3391, 48.1877, 60.1268



Tritanopia

54.3100, 48.0842, 50.6747

Trichromacy



Original Color

56.3746, 48.1006, 60.9567

Protanomaly

50.2733, 47.9550, 65.6380

Deuteranomaly

51.7394, 47.9509, 60.5613

Tritanomaly

55.1828, 48.1734, 54.5341

Monochromacy



Original Color

56.3746, 48.1006, 60.9567

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.0514, 49.7354, 57.3613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3746, 48.1006, 60.9567 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(229, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 166, 200)  
}
```

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(229, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 166, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.3746, 48.1006, 60.9567 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(229, 166, 200) }
```


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

```
.border{ border-color:rgb(229, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 166,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3746, 48.1006, 60.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 166, 200) }
```

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

```
.background{ background-color: rgb(229,  
166, 200) }
```

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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