

Converting Colors

XYZ(56.2340, 46.5689, 65.2034)

Have a look what the booklet for
XYZ(56.2340, 46.5689, 65.2034)
contains.

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Color

**XYZ(56.3205, 46.6527,
65.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A1CF
RGB	229, 161, 207
RGB Percent	90%, 63%, 81%
CMY	0.1020, 0.3686, 0.1882
CMYK	0.00, 0.30, 0.10, 0.10
HSL	319°, 57%, 76%
HSV	319°, 30%, 90%
XYZ	56.3205, 46.6527, 65.0680
YIQ	186.5760, 25.7620, 28.7220

Conversions

Conversions Part 2

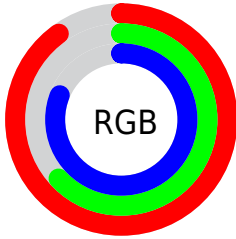
Format	Color
R _Y B	229, 161, 207
Decimal	15049167
CIE Lab	73.97, 32.18, -13.35
CIE LCh	74, 34.833, 337.473
Yxy	46.6527, 0.3352, 0.2776
Android (android.graphics.Color)	4293239247 (0xFFE5A1CF)
YUV	186.5760, 10.0690, 37.2058
Hunter-Lab	68.3028, 27.6561, -8.6701

Details

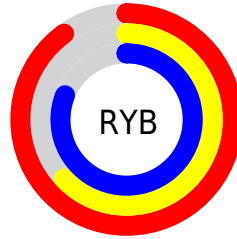
The XYZ color **56.3205, 46.6527, 65.0680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2664, 67.0361, 55.0399**, and the grayscale version is **46.9315, 49.3756, 53.7701**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **28.3459, 21.9093, 32.8719** is the 20% darker color. If you saturate the color by 10%, you get **51.7947, 39.0164, 59.1948**, and if you desaturate by 10%, it is **61.6244, 55.7759, 71.4114**.

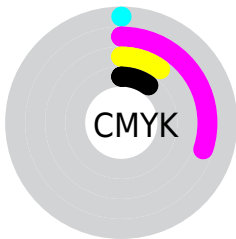
Distribution



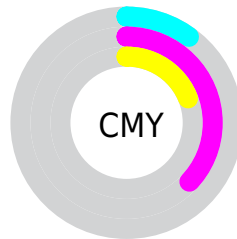
- Red (90%)
- Green (63%)
- Blue (81%)



- Red (90%)
- Yellow (63%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3205, 46.6527, 65.0680 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 56.3205, 46.6527, 65.0680 by changing the saturation by 10% instead.

56.3205, 46.6527,
65.0680

56.3205, 46.6527,
65.0680

400.9537,
373.4265, 461.3492

40.6980, 32.7612,
47.0645

98.6101, 85.1950,
113.7618

28.2698, 21.9436,
32.7320

126.0079,
110.6145, 145.2893

18.6706, 13.8154,
21.6518

158.0615,
140.6456, 182.1618

11.5351, 7.9924,
13.4054

195.1362,
175.6725, 224.7979

6.4979, 4.0901,
7.5743

237.5974,
216.0796, 273.6161

3.1936, 1.7241,
3.7399

285.8105,

1.2570, 0.4392,

262.2514, 329.0351

1.4838

340.1408,
314.5722, 391.4732

■ 0.1507, 0.0000,
0.2058

■ 0.0000, 0.0000,
0.0000

■ 56.3205, 46.6527,
65.0680

■ 56.3205, 46.6527,
65.0680

■ 51.7947, 39.0164,
59.1948

■ 61.6244, 55.7759,
71.4114

■ 48.0023, 32.7803,
53.7724

■ 67.7399, 66.4539,
78.2373

■ 44.9001, 27.8586,
48.7842

■ 74.7033, 78.7580,
85.5611

■ 42.4387, 24.1533,
44.2106

■ 82.5477, 92.7534,
93.3966

40.5617, 21.5524,
40.0298

84.4099, 94.7128,
99.4586

39.2022, 19.9234,
36.2164

85.5583, 95.1721,
105.5058

38.2489, 19.0446,
32.7301

86.1235, 95.3982,
108.4822

38.2222, 19.0217,
32.6268

Harmonies

Analogous

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



52.0162, 46.6527, 83.0843



56.3205, 46.6527, 65.0680



57.2761, 46.6527, 46.4748

Triad

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



56.3205, 46.6527, 65.0680



42.8060, 46.6527, 23.8603



35.5187, 46.6527, 74.5907

Complementary

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



56.3205, 46.6527, 65.0680



51.2664, 67.0361, 55.0399

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.



33.5182, 46.6527, 55.3790



56.3205, 46.6527, 65.0680



37.4623, 46.6527, 28.1903

Square

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



56.3205, 46.6527, 65.0680



49.0793, 46.6527, 25.2901



34.1951, 46.6527, 38.7817



39.9198, 46.6527, 89.4174

Rectangle

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



56.3205, 46.6527, 65.0680



55.8109, 46.6527, 36.5885



34.1951, 46.6527, 38.7817



34.5629, 46.6527, 68.2763

Sweetspot

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



56.3219, 46.6548, 65.0690



86.9880, 85.7523, 100.4283



46.3073, 41.1594, 79.6336



18.3581, 17.8962, 21.2132



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.



56.3219, 46.6548, 65.0690



68.0040, 52.9780, 78.0891



52.6478, 45.1852, 45.7214



14.7863, 14.5317, 17.0753



21.9107, 10.8985, 18.9565



1.6612, 0.8222, 1.6225

Inverse Universe

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



56.3219, 46.6548, 65.0690



68.0040, 52.9780, 78.0891



55.1827, 68.6025, 75.6624



14.7863, 14.5317, 17.0753



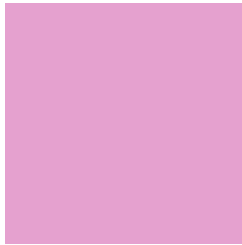
21.9107, 10.8985, 18.9565



1.6612, 0.8222, 1.6225

Previews

White Background



This preview shows how the XYZ color 56.3205, 46.6527, 65.0680 looks on a white background.

Color Contrast Check

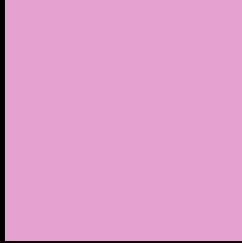
Large Text (above 18pt) WCAG AA × Fail

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 56.3205, 46.6527, 65.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

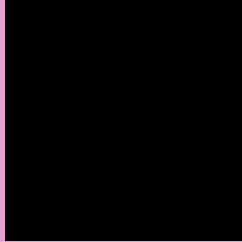
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3205, 46.6527, 65.0680

Background



This preview shows how black text looks on a background with the XYZ color 56.3205, 46.6527, 65.0680.



This preview shows how white text looks on a background with the XYZ color 56.3205, 46.6527,

65.0680.

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

56.3205, 46.6527, 65.0680

Protanopia

46.8977, 47.2137, 74.3515

Deuteranopia

47.8564, 46.7511, 63.6283



Tritanopia

53.1369, 46.6959, 48.8604

Trichromacy



Original Color

56.3205, 46.6527, 65.0680



Protanomaly

49.6499, 46.6477, 70.6771



Deuteranomaly

50.4842, 46.3710, 64.0473



Tritanomaly

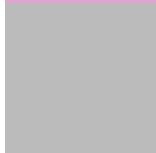
54.1393, 46.5559, 54.2769

Monochromacy



Original Color

56.3205, 46.6527, 65.0680



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.0151, 48.2924, 57.7242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3205, 46.6527, 65.0680 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, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 207)  
}
```

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, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3205, 46.6527, 65.0680 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, 161, 207) }
```


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

```
.border{ border-color:rgb(229, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3205, 46.6527, 65.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 207) }
```

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

```
.background{ background-color: rgb(229,  
161, 207) }
```

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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