

Converting Colors

XYZ(38.7785, 25.1827, 36.5530)

Have a look what the booklet for
XYZ(38.7785, 25.1827, 36.5530)
contains.

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Color

**XYZ(38.7546, 25.1775,
36.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	D85EA1
RGB	216, 94, 161
RGB Percent	85%, 37%, 63%
CMY	0.1529, 0.6313, 0.3686
CMYK	0.00, 0.56, 0.25, 0.15
HSL	327°, 61%, 61%
HSV	327°, 56%, 85%
XYZ	38.7546, 25.1775, 36.5354
YIQ	138.1160, 51.2050, 46.7010

Conversions

Conversions Part 2

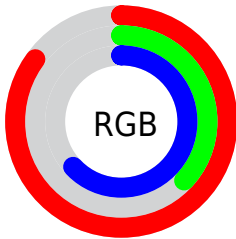
Format	Color
R _Y B	216, 94, 161
Decimal	14180001
CIE Lab	57.25, 55.04, -12.69
CIE LCh	57, 56.484, 347.018
Yxy	25.1775, 0.3857, 0.2506
Android (android.graphics.Color)	4292370081 (0xFFD85EA1)
YUV	138.1160, 11.2818, 68.3043
Hunter-Lab	50.1772, 50.0553, -8.0467

Details

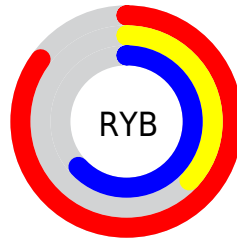
The XYZ color **38.7546, 25.1775, 36.5354** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **34.5980, 53.6620, 36.9706**, and the grayscale version is **24.1472, 25.4048, 27.6658**.

A 20% lighter version of the original color is **64.3821, 47.7128, 70.7819**, and **17.5224, 9.6964, 15.4160** is the 20% darker color. If you saturate the color by 10%, you get **36.2700, 21.5293, 31.6340**, and if you desaturate by 10%, it is **41.8449, 29.9295, 41.9692**.

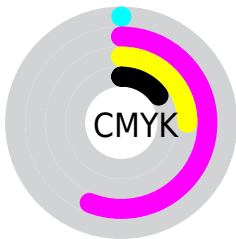
Distribution



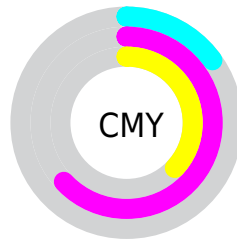
- Red (85%)
- Green (37%)
- Blue (63%)



- Red (85%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (56%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7546, 25.1775, 36.5354 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 38.7546, 25.1775, 36.5354 by changing the saturation by 10% instead.


 38.7546, 25.1775,
36.5354


 38.7546, 25.1775,
36.5354


332.0712,
278.7208, 346.4026


 26.7487, 16.2093,
24.5550


 72.5598, 51.9450,
71.0360


 17.5202, 9.6724,
15.5298


 95.0898, 70.5132,
94.3932

 10.7037, 5.1823,
9.0413


 121.8585, 93.0502,
122.3799

 5.9338, 2.3546,
4.6710

 153.2314,
119.9403, 155.4144

 2.8451, 0.8024,
2.0002

189.5738,
151.5681, 193.9154

 1.0724, 0.0000,
0.5554

231.2509,

 0.0018, 0.0000,

188.3178, 238.3014

0.0000

278.6283,
230.5739, 288.9910

■ 0.0000, 0.0000,
0.0000

■ 38.7546, 25.1775,
36.5354

■ 38.7546, 25.1775,
36.5354

■ 36.2700, 21.5293,
31.6340

■ 41.8449, 29.9295,
41.9692

■ 34.3412, 18.8885,
27.2402

■ 45.5809, 35.8638,
47.9552

■ 32.9137, 17.1480,
23.3283

■ 50.0017, 43.0559,
54.5138

■ 31.9174, 16.1704,
19.8669

■ 55.1423, 51.5738,
61.6634

■ 31.6259, 15.9217,
18.7393

■ 61.0355, 61.4809,
69.4215

■ 67.7119, 72.8362,
77.8047

■ 75.2002, 85.6954,
86.8289

■ 79.6451, 92.3454,
95.2151

■ 81.1224, 92.9363,
102.9946

Harmonies

Analogous

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



34.6100, 25.1775, 60.9163



38.7546, 25.1775, 36.5354



38.4327, 25.1775, 17.9962

Triad

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



38.7546, 25.1775, 36.5354



20.3648, 25.1775, 5.1392



16.1986, 25.1775, 64.0889

Complementary

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



38.7546, 25.1775, 36.5354



34.5980, 53.6620, 36.9706

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.



13.6302, 25.1775, 39.6502



38.7546, 25.1775, 36.5354



15.7105, 25.1775, 9.2058

Square

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



38.7546, 25.1775, 36.5354



26.9333, 25.1775, 4.9227



13.4700, 25.1775, 19.9532



21.1596, 25.1775, 81.1486

Rectangle

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



38.7546, 25.1775, 36.5354



35.7202, 25.1775, 10.6961



13.4700, 25.1775, 19.9532



15.0705, 25.1775, 56.0589

Sweetspot

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



38.7554, 25.1788, 36.5359



79.7575, 74.1967, 89.0609



28.7748, 19.3449, 67.1833



16.7310, 15.3143, 18.5982



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.



38.7554, 25.1788, 36.5359



52.1455, 30.4018, 44.6230



34.6277, 23.5277, 14.7998



12.7057, 12.5338, 14.3907



18.7744, 9.4461, 11.3821



1.1739, 0.5863, 0.9049

Inverse Universe

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



38.7554, 25.1788, 36.5359



52.1455, 30.4018, 44.6230



40.7932, 56.1401, 69.5940



12.7057, 12.5338, 14.3907



18.7744, 9.4461, 11.3821



1.1739, 0.5863, 0.9049

Previews

White Background



This preview shows how the XYZ color 38.7546, 25.1775, 36.5354 looks on a white background.

Color Contrast Check

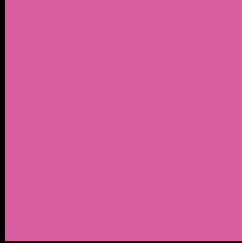
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7546, 25.1775, 36.5354 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 × Fail

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

XYZ 38.7546, 25.1775, 36.5354

Background



This preview shows how black text looks on a background with the XYZ color 38.7546, 25.1775, 36.5354.



This preview shows how white text looks on a background with the XYZ color 38.7546, 25.1775,

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

38.7546, 25.1775, 36.5354

Protanopia

26.1245, 25.4636, 52.2533

Deuteranopia

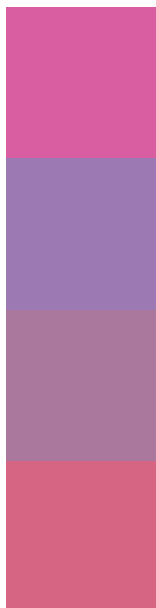
25.7692, 25.2564, 34.5271



Tritanopia

35.1276, 25.2701, 18.3554

Trichromacy



Original Color

38.7546, 25.1775, 36.5354

Protanomaly

28.6844, 23.9973, 45.7679

Deuteranomaly

29.2602, 24.1740, 35.0222

Tritanomaly

36.1235, 25.0652, 24.0532

Monochromacy



Original Color

38.7546, 25.1775, 36.5354

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.8737, 24.1014, 30.3771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7546, 25.1775, 36.5354 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(216, 94, 161)` looks like.

```
.text, #text, p{  
    color:rgb(216, 94, 161)  
}
```

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(216, 94, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 94, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.7546, 25.1775, 36.5354 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(216, 94, 161) }
```


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

```
.border{ border-color:rgb(216, 94, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 94, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 94, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 94, 161);  
box-shadow:4px 4px 4px 4px rgb(216, 94,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7546, 25.1775, 36.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 94, 161) }
```

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

```
.background{ background-color: rgb(216, 94,  
161) }
```

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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