

Converting Colors

XYZ(41.6766, 25.8053, 41.8141)

Have a look what the booklet for
XYZ(41.6766, 25.8053, 41.8141)
contains.

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Color

**XYZ(41.6766, 25.8053,
41.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	E058AC
RGB	224, 88, 172
RGB Percent	88%, 35%, 67%
CMY	0.1216, 0.6549, 0.3255
CMYK	0.00, 0.61, 0.23, 0.12
HSL	323°, 69%, 61%
HSV	323°, 61%, 88%
XYZ	41.6766, 25.8053, 41.8140
YIQ	138.2400, 54.0920, 54.9560

Conversions

Conversions Part 2

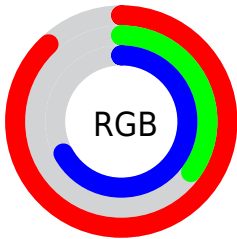
Format	Color
R_{YB}	224, 88, 172
Decimal	14702764
CIE _{Lab}	57.85, 61.53, -18.04
CIE _{LCh}	58, 64.122, 343.658
Yxy	25.8053, 0.3813, 0.2361
Android (android.graphics.Color)	4292892844 (0xFFE058AC)
YUV	138.2400, 16.6437, 75.2115
Hunter-Lab	50.7989, 57.5474, -13.2440

Details

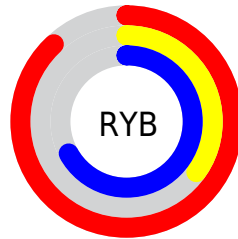
The XYZ color **41.6766, 25.8053, 41.8140** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **35.4152, 57.2803, 34.0034**, and the grayscale version is **24.1741, 25.4331, 27.6966**.

A 20% lighter version of the original color is **65.0784, 46.7526, 78.2672**, and **19.2136, 9.9682, 18.6807** is the 20% darker color. If you saturate the color by 10%, you get **39.3159, 22.3580, 37.0985**, and if you desaturate by 10%, it is **44.6566, 30.4057, 46.9980**.

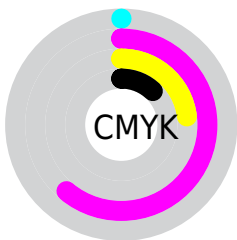
Distribution



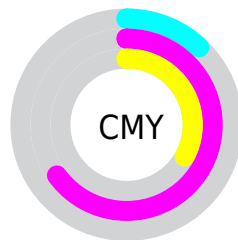
- Red (88%)
- Green (35%)
- Blue (67%)



- Red (88%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (12%)





- Cyan (12%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6766, 25.8053, 41.8140 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 41.6766, 25.8053, 41.8140 by changing the saturation by 10% instead.


 41.6766, 25.8053,
41.8140

 41.6766, 25.8053,
41.8140


344.1550,
281.8250, 369.4882

 29.0381, 16.6780,
28.6312


 76.9782, 52.9607,
79.1851


 19.2541, 10.0052,
18.5588


 100.3720, 71.7576,
104.2105

 11.9591, 5.4024,
11.1784


 128.0817, 94.5465,
134.0204

 6.7879, 2.4853,
6.0713

 160.4725,
121.7118, 169.0335

 3.3749, 0.8692,
2.8190

197.9100,
153.6379, 209.6683

 1.3550, 0.0000,
1.0030

240.7593,

 0.2238, 0.0000,

190.7092, 256.3433

0.0000

289.3859,
233.3101, 309.4771

■ 0.0000, 0.0000,
0.0000

■ 41.6766, 25.8053,
41.8140

■ 41.6766, 25.8053,
41.8140

■ 39.3159, 22.3580,
37.0985

■ 44.6566, 30.4057,
46.9980

■ 37.5176, 19.9524,
32.8270

■ 48.3013, 36.2495,
52.6697

■ 36.2173, 18.4615,
28.9732

■ 52.6545, 43.4224,
58.8485

■ 35.3534, 17.6925,
25.7291

■ 57.7554, 52.0011,
65.5522

■ 63.6401, 62.0568,
72.7970

70.3424, 73.6556,
80.5986

77.8942, 86.8596,
88.9717

82.3065, 93.6897,
96.5910

83.6131, 94.2124,
103.4716

Harmonies

Analogous

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



36.2483, 25.8053, 71.3561



41.6766, 25.8053, 41.8140



41.9331, 25.8053, 19.2191

Triad

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



41.6766, 25.8053, 41.8140



21.1912, 25.8053, 3.7415



15.2907, 25.8053, 68.7703

Complementary

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



41.6766, 25.8053, 41.8140



35.4152, 57.2803, 34.0034

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.



12.7596, 25.8053, 39.3596



41.6766, 25.8053, 41.8140



15.6519, 25.8053, 7.2170

Square

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



41.6766, 25.8053, 41.8140



28.9385, 25.8053, 3.8773



12.8762, 25.8053, 17.7660



20.5886, 25.8053, 91.6862

Rectangle

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



41.6766, 25.8053, 41.8140



39.0485, 25.8053, 10.5266



12.8762, 25.8053, 17.7660



14.1429, 25.8053, 58.8011

Sweetspot

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



41.6774, 25.8066, 41.8145



79.4168, 73.0507, 90.3797



27.4049, 17.7548, 72.5040



16.5293, 14.8388, 18.7532



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.



41.6774, 25.8066, 41.8145



51.9919, 28.9510, 48.0971



36.8397, 23.8715, 16.3398



14.0613, 13.8421, 16.0929



20.6359, 10.3213, 15.2801



1.4736, 0.7327, 1.2870

Inverse Universe

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



41.6774, 25.8066, 41.8145



51.9919, 28.9510, 48.0971



41.8055, 59.8365, 67.6548



14.0613, 13.8421, 16.0929



20.6359, 10.3213, 15.2801



1.4736, 0.7327, 1.2870

Previews

White Background



This preview shows how the XYZ color 41.6766, 25.8053, 41.8140 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 41.6766, 25.8053, 41.8140 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 41.6766, 25.8053, 41.8140

Background



This preview shows how black text looks on a background with the XYZ color 41.6766, 25.8053, 41.8140.



This preview shows how white text looks on a background with the XYZ color 41.6766, 25.8053,

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

41.6766, 25.8053, 41.8140

Protanopia

27.4011, 26.0902, 63.2662

Deuteranopia

26.5802, 25.9877, 39.2125



Tritanopia

36.5782, 25.7317, 17.7907

Trichromacy



Original Color

41.6766, 25.8053, 41.8140



Protanomaly

29.9647, 24.1023, 54.7027



Deuteranomaly

30.4593, 24.6787, 40.2039



Tritanomaly

38.1165, 25.6445, 25.1312

Monochromacy



Original Color

41.6766, 25.8053, 41.8140



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.5837, 24.0700, 31.9936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6766, 25.8053, 41.8140 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(224, 88, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 88, 172)  
}
```

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(224, 88, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 88, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.6766, 25.8053, 41.8140 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(224, 88, 172) }
```


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

```
.border{ border-color:rgb(224, 88, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 88, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 88, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 88, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 88,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6766, 25.8053, 41.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 88, 172) }
```

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

```
.background{ background-color: rgb(224, 88,  
172) }
```

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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