

Converting Colors

XYZ(26.0238, 13.3384, 14.7558)

Have a look what the booklet for
XYZ(26.0238, 13.3384, 14.7558)
contains.

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Color

**XYZ(26.0341, 13.3342,
14.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	C60D6A
RGB	198, 13, 106
RGB Percent	78%, 5%, 42%
CMY	0.2235, 0.9489, 0.5843
CMYK	0.00, 0.93, 0.46, 0.22
HSL	330°, 88%, 41%
HSV	330°, 93%, 78%
XYZ	26.0341, 13.3342, 14.8373
YIQ	78.9170, 80.4070, 68.1430

Conversions

Conversions Part 2

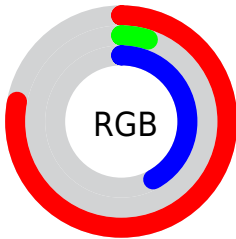
Format	Color
R_{YB}	198, 13, 106
Decimal	12979562
CIE _{Lab}	43.26, 69.27, -0.74
CIE _{LCh}	43, 69.279, 359.386
Yxy	13.3342, 0.4803, 0.2460
Android (android.graphics.Color)	4291169642 (0xFFC60D6A)
YUV	78.9170, 13.3519, 104.4358
Hunter-Lab	36.5160, 63.3585, 1.4703

Details

The XYZ color **26.0341, 13.3342, 14.8373** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.9118, 41.4943, 20.1745**, and the grayscale version is **7.3836, 7.7681, 8.4595**.

A 20% lighter version of the original color is **50.9820, 31.0067, 35.1961**, and **11.2706, 5.7190, 4.6475** is the 20% darker color. If you saturate the color by 10%, you get **25.5656, 12.9165, 13.0805**, and if you desaturate by 10%, it is **26.9714, 14.3415, 17.8235**.

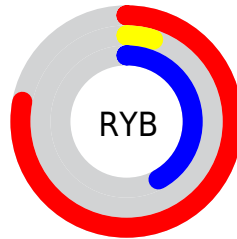
Distribution



Red (78%)

Green (5%)

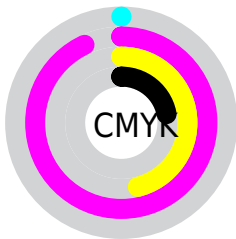
Blue (42%)



Red (78%)

Yellow (5%)

Blue (42%)

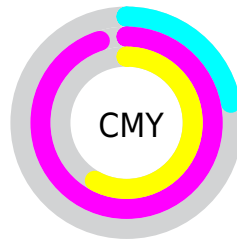


Cyan (0%)

Magenta (93%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (95%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0341, 13.3342, 14.8373 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 26.0341, 13.3342, 14.8373 by changing the saturation by 10% instead.


 26.0341, 13.3342,
14.8373


 26.0341, 13.3342,
14.8373


275.2031,
213.0485, 233.9861


 16.9820, 7.6591,
8.5599


 52.7609, 31.9029,
35.3058


 10.3169, 3.8776,
4.3624


 71.1662, 45.5653,
50.3339


 5.6734, 1.6053,
1.8262

 93.4200, 62.6588,
69.1161

 2.6863, 0.3612,
0.4451

 119.8876, 83.5680,
92.0708

 0.9901, 0.0000,
0.0000

 150.9343,
108.6772, 119.6167

 0.0000, 0.0000,
0.0000

 186.9256,

138.3707, 152.1721

228.2267,
173.0330, 190.1557

■ 26.0341, 13.3342,
14.8373

■ 26.0341, 13.3342,
14.8373

■ 25.5656, 12.9165,
13.0805

■ 26.9714, 14.3415,
17.8235

■ 28.2913, 16.0170,
21.2366

■ 30.0456, 18.4611,
25.1030

■ 32.2770, 21.7566,
29.4454

■ 35.0229, 25.9756,
34.2844

■ 38.3166, 31.1824,
39.6390

■ 42.1888, 37.4353,
45.5271

■ 46.6674, 44.7884,
51.9655

■ 51.7787, 53.2918,
58.9699

Harmonies

Analogous

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



23.7809, 13.3342, 35.3483



26.0341, 13.3342, 14.8373



23.9493, 13.3342, 4.3140

Triad

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



26.0341, 13.3342, 14.8373



8.2573, 13.3342, 0.9949



8.1144, 13.3342, 57.6503

Complementary

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



26.0341, 13.3342, 14.8373



22.9118, 41.4943, 20.1745

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.



5.6448, 13.3342, 34.3660



26.0341, 13.3342, 14.8373



5.7095, 13.3342, 4.0746

Square

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



26.0341, 13.3342, 14.8373



12.7845, 13.3342, 0.3716



4.9061, 13.3342, 14.2046



12.5636, 13.3342, 68.5953

Rectangle

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



26.0341, 13.3342, 14.8373



20.6411, 13.3342, 1.6594



4.9061, 13.3342, 14.2046



7.0766, 13.3342, 50.4555

Sweetspot

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



26.0345, 13.3350, 14.8375



71.1479, 60.5152, 75.2853



15.8660, 7.2160, 53.9824



14.6074, 11.9538, 15.1564



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.



26.0345, 13.3350, 14.8375



45.1474, 22.8229, 22.5059



23.5273, 12.3321, 1.6350



10.8525, 10.7244, 12.2066



16.6693, 8.4173, 8.7343



0.8258, 0.4132, 0.6061

Inverse Universe

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



26.0345, 13.3350, 14.8375



45.1474, 22.8229, 22.5059



30.2014, 44.4102, 58.5607



10.8525, 10.7244, 12.2066



16.6693, 8.4173, 8.7343



0.8258, 0.4132, 0.6061

Previews

White Background



This preview shows how the XYZ color 26.0341, 13.3342, 14.8373 looks on a white 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

Black Background



This preview shows how the XYZ color 26.0341, 13.3342, 14.8373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

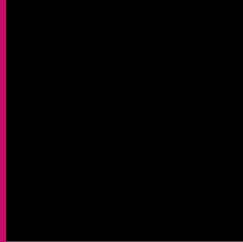
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0341, 13.3342, 14.8373

Background



This preview shows how black text looks on a background with the XYZ color 26.0341, 13.3342, 14.8373.



This preview shows how white text looks on a background with the XYZ color 26.0341, 13.3342,

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

26.0341, 13.3342, 14.8373

Protanopia

14.4434, 13.8444, 31.6168

Deuteranopia

13.9642, 13.7092, 13.4654



Tritanopia

23.8242, 13.5117, 3.7352

Trichromacy



Original Color

26.0341, 13.3342, 14.8373

Protanomaly

15.4654, 10.7188, 24.1755

Deuteranomaly

16.2701, 11.1848, 13.6133

Tritanomaly

24.2946, 13.1740, 6.5726

Monochromacy



Original Color

26.0341, 13.3342, 14.8373

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

11.1954, 7.5912, 10.3264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0341, 13.3342, 14.8373 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(198, 13, 106)` looks like.

```
.text, #text, p{  
    color:rgb(198, 13, 106)  
}
```

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(198, 13, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 13, 106) }
```

Border

The CSS property to change the border of an element to XYZ 26.0341, 13.3342, 14.8373 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(198, 13, 106) }
```


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

```
.border{ border-color:rgb(198, 13, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 13, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 13, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 13, 106);  
box-shadow:4px 4px 4px 4px rgb(198, 13,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0341, 13.3342, 14.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 13, 106) }
```

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

```
.background{ background-color: rgb(198, 13,  
106) }
```

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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