

Converting Colors

XYZ(26.2635, 13.3729, 16.2076)

Have a look what the booklet for
XYZ(26.2635, 13.3729, 16.2076)
contains.

XYZ(26.2665, 13.3705, 16.2353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2665, 13.3705,
16.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	C60A6F
RGB	198, 10, 111
RGB Percent	78%, 4%, 44%
CMY	0.2235, 0.9607, 0.5647
CMYK	0.00, 0.95, 0.44, 0.22
HSL	328°, 90%, 41%
HSV	328°, 95%, 78%
XYZ	26.2665, 13.3705, 16.2353
YIQ	77.7260, 79.6270, 71.2670

Conversions

Conversions Part 2

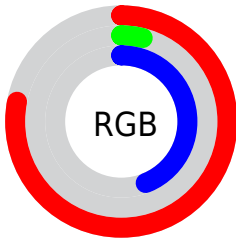
Format	Color
R_{YB}	198, 10, 111
Decimal	12978799
CIE _{Lab}	43.32, 70.01, -3.79
CIE _{LCh}	43, 70.109, 356.905
Yxy	13.3705, 0.4701, 0.2393
Android (android.graphics.Color)	4291168879 (0xFFC60A6F)
YUV	77.7260, 16.4041, 105.4803
Hunter-Lab	36.5657, 64.2332, -0.7290

Details

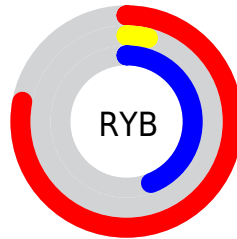
The XYZ color **26.2665, 13.3705, 16.2353** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.4789, 41.3166, 18.1075**, and the grayscale version is **7.1529, 7.5254, 8.1952**.

A 20% lighter version of the original color is **51.3340, 31.0134, 37.4630**, and **11.4066, 5.7734, 5.3637** is the 20% darker color. If you saturate the color by 10%, you get **25.9088, 13.0538, 14.8871**, and if you desaturate by 10%, it is **27.1489, 14.2860, 19.1483**.

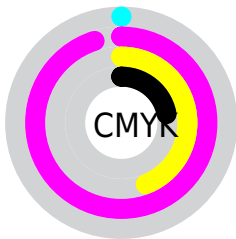
Distribution



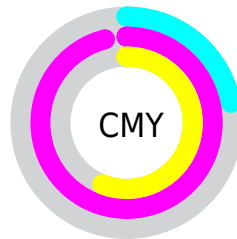
- Red (78%)
- Green (4%)
- Blue (44%)



- Red (78%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (95%)
- Yellow (44%)
- Black (22%)





- Cyan (22%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2665, 13.3705, 16.2353 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 26.2665, 13.3705, 16.2353 by changing the saturation by 10% instead.


 26.2665, 13.3705,
16.2353


 26.2665, 13.3705,
16.2353


276.3206,
213.2787, 242.6191


 17.1568, 7.6842,
9.5347


 53.1328, 31.9678,
37.7787


 10.4424, 3.8935,
4.9900


 71.6202, 45.6476,
53.4585


 5.7577, 1.6142,
2.1827


 93.9641, 62.7606,
72.9684

 2.7376, 0.3671,
0.6644

 120.5301, 83.6913,
96.7271

 1.0166, 0.0000,
0.0000

 151.6833,
108.8241, 125.1529

 0.0000, 0.0000,
0.0000

 187.7893,

138.5433, 158.6645

229.2133,
173.2334, 197.6804

■ 26.2665, 13.3705,
16.2353

■ 26.2665, 13.3705,
16.2353

■ 25.9088, 13.0538,
14.8871

■ 27.1489, 14.2860,
19.1483

■ 28.3981, 15.8495,
22.4462

■ 30.0668, 18.1648,
26.1539

■ 32.1988, 21.3167,
30.2926

■ 34.8315, 25.3784,
34.8814

■ 37.9987, 30.4151,
39.9378

■ 41.7309, 36.4859,
45.4782

■ 46.0563, 43.6452,
51.5178

■ 51.0010, 51.9437,
58.0711

Harmonies

Analogous

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



23.6326, 13.3705, 37.7895



26.2665, 13.3705, 16.2353



24.4964, 13.3705, 4.7781

Triad

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



26.2665, 13.3705, 16.2353



8.5403, 13.3705, 0.8504



7.8120, 13.3705, 56.8044

Complementary

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



26.2665, 13.3705, 16.2353



22.4789, 41.3166, 18.1075

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.



5.4794, 13.3705, 32.7440



26.2665, 13.3705, 16.2353



5.8079, 13.3705, 3.5659

Square

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



26.2665, 13.3705, 16.2353



13.2811, 13.3705, 0.3270



4.8667, 13.3705, 13.0008



12.1521, 13.3705, 69.5896

Rectangle

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



26.2665, 13.3705, 16.2353



21.2724, 13.3705, 1.8133



4.8667, 13.3705, 13.0008



6.8203, 13.3705, 49.1918

Sweetspot

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



26.2669, 13.3713, 16.2355



71.4760, 60.6464, 77.0128



14.9817, 6.7075, 53.9312



14.6859, 11.9852, 15.5697



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.



26.2669, 13.3713, 16.2355



45.7535, 23.0654, 25.6978



23.5189, 12.2721, 1.7648



10.8681, 10.7306, 12.2884



16.8928, 8.5067, 9.9112



0.8362, 0.4173, 0.6605

Inverse Universe

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



26.2669, 13.3713, 16.2355



45.7535, 23.0654, 25.6978



29.4618, 44.1098, 54.8790



10.8681, 10.7306, 12.2884



16.8928, 8.5067, 9.9112



0.8362, 0.4173, 0.6605

Previews

White Background



This preview shows how the XYZ color 26.2665, 13.3705, 16.2353 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 26.2665, 13.3705, 16.2353 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 26.2665, 13.3705, 16.2353

Background



This preview shows how black text looks on a background with the XYZ color 26.2665, 13.3705, 16.2353.



This preview shows how white text looks on a background with the XYZ color 26.2665, 13.3705,

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

26.2665, 13.3705, 16.2353

Protanopia

14.6655, 13.8908, 34.7091

Deuteranopia

14.1721, 13.9315, 14.7741



Tritanopia

23.9372, 13.6761, 3.9629

Trichromacy



Original Color

26.2665, 13.3705, 16.2353

Protanomaly

15.4681, 10.5692, 26.8160

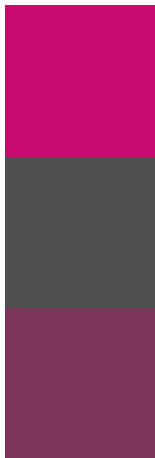
Deuteranomaly

16.3457, 11.1946, 14.9349

Tritanomaly

24.3870, 13.2110, 7.0590

Monochromacy



Original Color

26.2665, 13.3705, 16.2353

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

11.1446, 7.4220, 10.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2665, 13.3705, 16.2353 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, 10, 111)` looks like.

```
.text, #text, p{  
    color:rgb(198, 10, 111)  
}
```

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, 10, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 10, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.2665, 13.3705, 16.2353 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, 10, 111) }
```


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

```
.border{ border-color:rgb(198, 10, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 10, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 10, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 10, 111);  
box-shadow:4px 4px 4px 4px rgb(198, 10,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2665, 13.3705, 16.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 10, 111) }
```

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

```
.background{ background-color: rgb(198, 10,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor