

Converting Colors

XYZ(30.3333, 15.0914, 26.0890)

Have a look what the booklet for
XYZ(30.3333, 15.0914, 26.0890)
contains.

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Color

**XYZ(30.4658, 15.1588,
26.1312)**

Conversions

Conversions Part 1

Format	Color
Hex	CF008C
RGB	207, 0, 140
RGB Percent	81%, 0%, 55%
CMY	0.1882, 0.9999, 0.4510
CMYK	0.00, 1.00, 0.32, 0.19
HSL	319°, 100%, 41%
HSV	319°, 100%, 81%
XYZ	30.4658, 15.1588, 26.1312
YIQ	77.8530, 78.4320, 87.4240

Conversions

Conversions Part 2

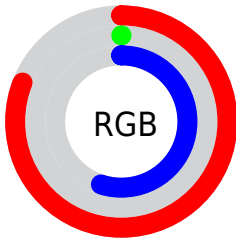
Format	Color
RYB	207, 0, 140
Decimal	13566092
CIELab	45.85, 75.59, -17.65
CIElCh	46, 77.620, 346.858
Yxy	15.1588, 0.4246, 0.2113
Android (android.graphics.Color)	4291756172 (0xFFCF008C)
YUV	77.8530, 30.6385, 113.2619
Hunter-Lab	38.9343, 71.5399, -12.5391

Details

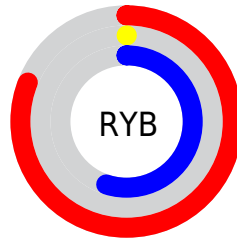
The XYZ color **30.4658, 15.1588, 26.1312** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **23.3275, 45.0317, 12.7779**, and the grayscale version is **7.1511, 7.5235, 8.1931**.

A 20% lighter version of the original color is **54.6338, 32.4674, 54.4262**, and **13.8781, 6.9412, 10.2812** is the 20% darker color. If you saturate the color by 10%, you get **30.4651, 15.1586, 26.1272**, and if you desaturate by 10%, it is **31.2386, 15.8893, 28.9016**.

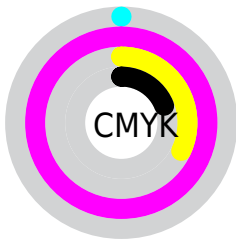
Distribution



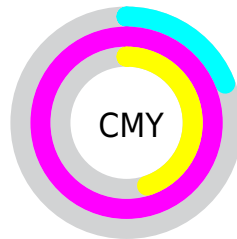
- Red (81%)
- Green (0%)
- Blue (55%)



- Red (81%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4658, 15.1588, 26.1312 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 30.4658, 15.1588, 26.1312 by changing the saturation by 10% instead.

 30.4658, 15.1588,
26.1312


 30.4658, 15.1588,
26.1312


295.9407,
224.3254, 297.0515


 20.3422, 8.9309,
16.6952


 59.7796, 35.1315,
54.4732

 12.7538, 4.6961,
9.8577

 79.7006, 49.6451,
74.2163


 7.3350, 2.0701,
5.2004


 103.6181, 67.6895,
98.2321

 3.7207, 0.6477,
2.3045

 131.8974, 89.6489,
126.9392

 1.5454, 0.0000,
0.7337

 164.9040,
115.9078, 160.7562

 0.3564, 0.0000,
0.0000

 203.0032,

 0.0000, 0.0000,

146.8506, 200.1015

0.0000

246.5603,
182.8616, 245.3938

■ 30.4658, 15.1588,
26.1312

■ 30.4658, 15.1588,
26.1312

■ 30.4651, 15.1586,
26.1272

■ 31.2386, 15.8893,
28.9016

■ 32.3233, 17.1947,
31.9269

■ 33.8164, 19.2669,
35.2418

■ 35.7698, 22.2093,
38.8662

■ 38.2276, 26.1092,
42.8170

■ 41.2285, 31.0431,
47.1095

■ 44.8073, 37.0799,
51.7576

■ 48.9957, 44.2824,
56.7740

■ 53.8231, 52.7087,
62.1708

Harmonies

Analogous

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



25.6792, 15.1588, 55.4527



30.4658, 15.1588, 26.1312



30.1193, 15.1588, 8.1046

Triad

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



30.4658, 15.1588, 26.1312



11.0580, 15.1588, 0.3334



7.4021, 15.1588, 59.2420

Complementary

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



30.4658, 15.1588, 26.1312



23.3275, 45.0317, 12.7779

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.



5.4084, 15.1588, 29.3183



30.4658, 15.1588, 26.1312



7.0382, 15.1588, 2.0914

Square

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



30.4658, 15.1588, 26.1312



17.4630, 15.1588, 0.2424



5.2992, 15.1588, 9.5920



11.7318, 15.1588, 82.3571

Rectangle

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



30.4658, 15.1588, 26.1312



27.0051, 15.1588, 2.9518



5.2992, 15.1588, 9.5920



6.5023, 15.1588, 48.9359

Sweetspot

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



30.4663, 15.1596, 26.1314



71.5761, 59.0265, 82.6570



13.4810, 5.6492, 59.4117



14.7747, 11.7091, 16.9984



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.



30.4663, 15.1596, 26.1314



48.7298, 24.2559, 41.3705



26.0821, 13.4060, 3.0447



12.1412, 11.9412, 14.0194



19.2393, 9.5685, 16.6980



1.1112, 0.5492, 1.1206

Inverse Universe

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



30.4663, 15.1596, 26.1314



48.7298, 24.2559, 41.3705



29.4801, 47.4928, 45.1772



12.1412, 11.9412, 14.0194



19.2393, 9.5685, 16.6980



1.1112, 0.5492, 1.1206

Previews

White Background



This preview shows how the XYZ color 30.4658, 15.1588, 26.1312 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 30.4658, 15.1588, 26.1312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

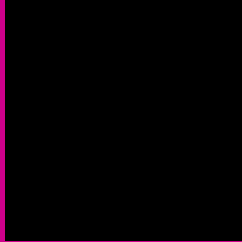
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4658, 15.1588, 26.1312

Background



This preview shows how black text looks on a background with the XYZ color 30.4658, 15.1588, 26.1312.



This preview shows how white text looks on a background with the XYZ color 30.4658, 15.1588,

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

30.4658, 15.1588, 26.1312

Protanopia

18.0347, 16.0535, 56.7917

Deuteranopia

16.1414, 15.8086, 23.6733



Tritanopia

26.2173, 15.4554, 5.6044

Trichromacy



Original Color

30.4658, 15.1588, 26.1312



Protanomaly

17.5001, 11.2525, 43.3691



Deuteranomaly

18.4638, 12.1805, 23.9322



Tritanomaly

26.9911, 14.6032, 10.6286

Monochromacy



Original Color

30.4658, 15.1588, 26.1312



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9470, 7.5808, 13.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4658, 15.1588, 26.1312 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(207, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 140)  
}
```

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(207, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.4658, 15.1588, 26.1312 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(207, 0, 140) }
```


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

```
.border{ border-color:rgb(207, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4658, 15.1588, 26.1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 140) }
```

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

```
.background{ background-color: rgb(207, 0,  
140) }
```

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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