

Converting Colors

XYZ(36.3217, 26.0663, 29.7979)

Have a look what the booklet for
XYZ(36.3217, 26.0663, 29.7979)
contains.

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Color

**XYZ(36.4858, 26.1794,
29.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	D06C91
RGB	208, 108, 145
RGB Percent	82%, 42%, 57%
CMY	0.1843, 0.5764, 0.4314
CMYK	0.00, 0.48, 0.30, 0.18
HSL	338°, 52%, 62%
HSV	338°, 48%, 82%
XYZ	36.4858, 26.1794, 29.9182
YIQ	142.1180, 47.7230, 32.7070

Conversions

Conversions Part 2

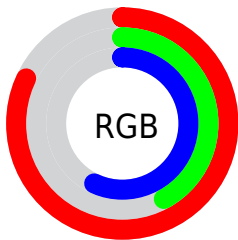
Format	Color
R _Y B	208, 108, 145
Decimal	13659281
CIE Lab	58.21, 43.53, -2.08
CIE LCh	58, 43.576, 357.263
Yxy	26.1794, 0.3941, 0.2828
Android (android.graphics.Color)	4291849361 (0xFFD06C91)
YUV	142.1180, 1.4208, 57.7785
Hunter-Lab	51.1658, 37.7463, 1.1474

Details

The XYZ color **36.4858, 26.1794, 29.9182** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.0922, 51.2408, 46.5190**, and the grayscale version is **25.7400, 27.0805, 29.4907**.

A 20% lighter version of the original color is **64.4691, 51.2242, 60.5222**, and **16.2422, 10.2339, 11.9457** is the 20% darker color. If you saturate the color by 10%, you get **33.5951, 21.9228, 24.2534**, and if you desaturate by 10%, it is **40.0178, 31.5317, 36.3724**.

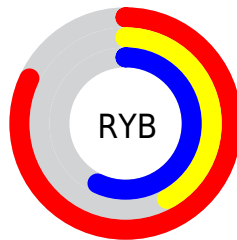
Distribution



Red (82%)

Green (42%)

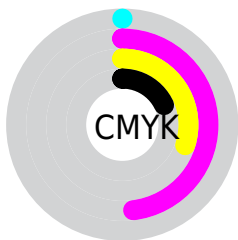
Blue (57%)



Red (82%)

Yellow (42%)

Blue (57%)

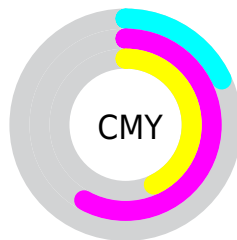


Cyan (0%)

Magenta (48%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4858, 26.1794, 29.9182 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 36.4858, 26.1794, 29.9182 by changing the saturation by 10% instead.


 36.4858, 26.1794,
29.9182


 36.4858, 26.1794,
29.9182


322.4733,
283.6616, 315.7184


 24.9815, 16.9579,
19.5250


 69.1002, 53.5642,
60.5923


 16.1919, 10.2045,
11.8696


 90.9410, 72.4963,
81.7102

 9.7518, 5.5347,
6.5335


 116.9580, 95.4341,
107.2401

 5.2957, 2.5643,
3.0981

 147.5165,
122.7619, 137.6006

 2.4583, 0.9088,
1.1449

182.9819,
154.8642, 173.2101

 0.8743, 0.0000,
0.0000

223.7196,

 0.0000, 0.0000,

192.1253, 214.4872

0.0000

270.0950,
234.9297, 261.8505

■ 36.4858, 26.1794,
29.9182

■ 36.4858, 26.1794,
29.9182

■ 33.5951, 21.9228,
24.2534

■ 40.0178, 31.5317,
36.3724

■ 31.3017, 18.6809,
19.3431

■ 44.2268, 38.0454,
43.6456

■ 29.5594, 16.3674,
15.1517


■ 49.1482, 45.7858,
51.7677


■ 28.3132, 14.8798,
11.6390


■ 54.8144, 54.8120,
60.7664


■ 27.4846, 14.0684,
8.7554


■ 61.2557, 65.1793,
70.6680

 27.3503, 13.9451,
8.2627

 68.5007, 76.9398,
81.4978

 76.5765, 90.1427,
93.2800

 79.0023, 91.8219,
103.8689

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



34.4548, 26.1794, 47.3341



36.4858, 26.1794, 29.9182



35.0616, 26.1794, 17.1365

Triad

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



36.4858, 26.1794, 29.9182



20.5089, 26.1794, 9.6624



19.7784, 26.1794, 60.6930

Complementary

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



36.4858, 26.1794, 29.9182



36.0922, 51.2408, 46.5190

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.



16.8934, 26.1794, 44.0364



36.4858, 26.1794, 29.9182



17.2712, 26.1794, 15.4775

Square

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



36.4858, 26.1794, 29.9182



25.3714, 26.1794, 8.1877



16.0443, 26.1794, 27.1369



24.4003, 26.1794, 68.6162

Rectangle

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



36.4858, 26.1794, 29.9182



32.4419, 26.1794, 12.0181



16.0443, 26.1794, 27.1369



18.5997, 26.1794, 55.6943

Sweetspot

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



36.4865, 26.1807, 29.9187



81.2876, 77.9348, 87.4813



33.2545, 23.7897, 62.5137



16.9915, 16.0339, 18.0724



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.



36.4865, 26.1807, 29.9187



53.0136, 34.3984, 37.9432



35.3966, 27.8470, 17.6985



11.9870, 11.8795, 13.2073



17.0892, 8.7085, 5.3759



0.9934, 0.5021, 0.5000

Inverse Universe

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



36.4865, 26.1807, 29.9187



53.0136, 34.3984, 37.9432



37.3856, 47.3733, 66.8480



11.9870, 11.8795, 13.2073



17.0892, 8.7085, 5.3759



0.9934, 0.5021, 0.5000

Previews

White Background



This preview shows how the XYZ color 36.4858, 26.1794, 29.9182 looks on a white background.

Color Contrast Check

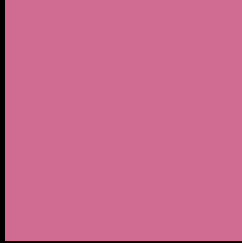
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4858, 26.1794, 29.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

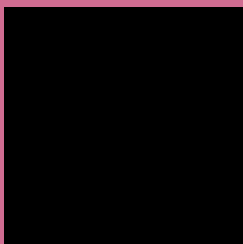
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4858, 26.1794, 29.9182

Background



This preview shows how black text looks on a background with the XYZ color 36.4858, 26.1794, 29.9182.



This preview shows how white text looks on a background with the XYZ color 36.4858, 26.1794,

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

36.4858, 26.1794, 29.9182

Protanopia

26.0868, 26.3798, 38.8388

Deuteranopia

26.8642, 26.3718, 28.4853



Tritanopia

34.8099, 26.3125, 21.3333

Trichromacy



Original Color

36.4858, 26.1794, 29.9182

Protanomaly

28.7053, 25.5540, 35.3178

Deuteranomaly

29.7989, 25.8734, 29.0147

Tritanomaly

35.4458, 26.2460, 24.3169

Monochromacy



Original Color

36.4858, 26.1794, 29.9182

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.6664, 26.0554, 29.5049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4858, 26.1794, 29.9182 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(208, 108, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 108, 145)  
}
```

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(208, 108, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 108, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.4858, 26.1794, 29.9182 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(208, 108, 145) }
```


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

```
.border{ border-color:rgb(208, 108, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 108, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 108, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 108, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 108,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4858, 26.1794, 29.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 108, 145) }
```

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

```
.background{ background-color: rgb(208,  
108, 145) }
```

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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