

Converting Colors

XYZ(35.6304, 25.1873, 27.3077)

Have a look what the booklet for
XYZ(35.6304, 25.1873, 27.3077)
contains.

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Color

**XYZ(35.6229, 25.1746,
27.4077)**

Conversions

Conversions Part 1

Format	Color
Hex	D0688B
RGB	208, 104, 139
RGB Percent	82%, 41%, 55%
CMY	0.1843, 0.5921, 0.4549
CMYK	0.00, 0.50, 0.33, 0.18
HSL	340°, 53%, 61%
HSV	340°, 50%, 82%
XYZ	35.6229, 25.1746, 27.4077
YIQ	139.0860, 50.7490, 32.9330

Conversions

Conversions Part 2

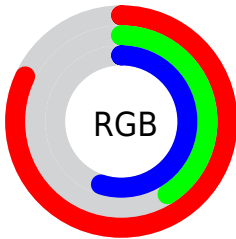
Format	Color
R _Y B	208, 104, 139
Decimal	13658251
CIE Lab	57.25, 44.78, 0.00
CIE LCh	57, 44.784, 0.006
Yxy	25.1746, 0.4039, 0.2854
Android (android.graphics.Color)	4291848331 (0xFFD0688B)
YUV	139.0860, -0.0424, 60.4376
Hunter-Lab	50.1743, 38.9270, 2.7349

Details

The XYZ color **35.6229, 25.1746, 27.4077** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.8089, 51.0725, 47.5087**, and the grayscale version is **24.5610, 25.8400, 28.1398**.

A 20% lighter version of the original color is **62.9813, 49.5195, 56.1079**, and **15.7937, 9.7566, 10.5020** is the 20% darker color. If you saturate the color by 10%, you get **32.8359, 21.1138, 21.8138**, and if you desaturate by 10%, it is **39.0549, 30.3214, 33.8452**.

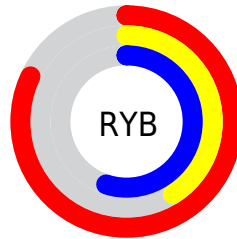
Distribution



Red (82%)

Green (41%)

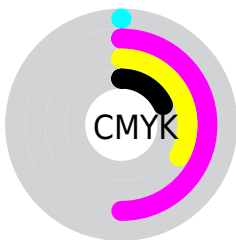
Blue (55%)



Red (82%)

Yellow (41%)

Blue (55%)

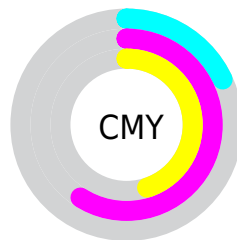


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (59%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6229, 25.1746, 27.4077 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 35.6229, 25.1746, 27.4077 by changing the saturation by 10% instead.


 35.6229, 25.1746,
27.4077


 35.6229, 25.1746,
27.4077


318.7694,
278.7063, 303.4481

 24.3119, 16.2072,
17.6445


 67.7773, 51.9403,
56.5491


 15.6911, 9.6709,
10.5283


 89.3514, 70.5074,
76.7643

 9.3953, 5.1813,
5.6404


 115.0772, 93.0432,
101.3007

 5.0591, 2.3540,
2.5625

 145.3200,
119.9321, 130.5767

 2.3171, 0.8021,
0.8730

180.4453,
151.5585, 165.0110

 0.8034, 0.0000,
0.0000

220.8184,

 0.0000, 0.0000,

188.3067, 205.0219

0.0000

266.8046,
230.5612, 251.0281

■ 35.6229, 25.1746,
27.4077

■ 35.6229, 25.1746,
27.4077

■ 32.8359, 21.1138,
21.8138

■ 39.0549, 30.3214,
33.8452

■ 30.6485, 18.0560,
17.0242

■ 43.1690, 36.6218,
41.1600

■ 29.0122, 15.9123,
12.9984


■ 48.0019, 44.1420,
49.3857


■ 27.8694, 14.5761,
9.6906


■ 53.5870, 52.9423,
58.5533

■ 27.1179, 13.8522,
7.0383


■ 59.9555, 63.0789,
68.6926

 27.1177, 13.8520,
7.0376

 67.1368, 74.6048,
79.8318

 75.1588, 87.5698,
91.9981

 78.9347, 91.7948,
103.5129

 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.



33.8744, 25.1746, 44.7262



35.6229, 25.1746, 27.4077



33.8730, 25.1746, 15.2606

Triad

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



35.6229, 25.1746, 27.4077



19.1882, 25.1746, 9.1188



19.1898, 25.1746, 61.2188

Complementary

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



35.6229, 25.1746, 27.4077



35.8089, 51.0725, 47.5087

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.



16.1488, 25.1746, 44.7338



35.6229, 25.1746, 27.4077



16.1479, 25.1746, 15.2643

Square

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



35.6229, 25.1746, 27.4077



23.9266, 25.1746, 7.3681



15.1213, 25.1746, 27.4140



23.9288, 25.1746, 68.1369

Rectangle

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



35.6229, 25.1746, 27.4077



31.0868, 25.1746, 10.5896



15.1213, 25.1746, 27.4140



17.9619, 25.1746, 56.3717

Sweetspot

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



35.6236, 25.1759, 27.4082



80.2182, 76.4488, 85.1125



33.2622, 23.1816, 62.3959



16.7728, 15.7382, 17.5627



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.



35.6236, 25.1759, 27.4082



51.7813, 33.0787, 34.0032



35.1805, 27.7477, 16.6000



11.9705, 11.8729, 13.1205



16.9418, 8.6496, 4.5998



0.9839, 0.4983, 0.4502

Inverse Universe

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



35.6236, 25.1759, 27.4082



51.7813, 33.0787, 34.0032



36.0326, 45.3731, 66.5333



11.9705, 11.8729, 13.1205



16.9418, 8.6496, 4.5998



0.9839, 0.4983, 0.4502

Previews

White Background



This preview shows how the XYZ color 35.6229, 25.1746, 27.4077 looks on a white background.

Color Contrast Check

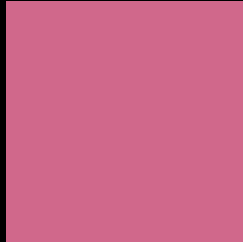
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6229, 25.1746, 27.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

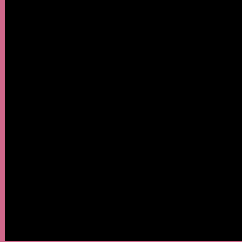
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6229, 25.1746, 27.4077

Background



This preview shows how black text looks on a background with the XYZ color 35.6229, 25.1746, 27.4077.



This preview shows how white text looks on a background with the XYZ color 35.6229, 25.1746,

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

35.6229, 25.1746, 27.4077

Protanopia

25.0352, 25.4629, 36.3962

Deuteranopia

25.8275, 25.2686, 26.0703



Tritanopia

33.9685, 25.1079, 19.5790

Trichromacy



Original Color

35.6229, 25.1746, 27.4077

Protanomaly

27.6991, 24.5113, 32.9770

Deuteranomaly

28.6370, 24.5809, 26.5278

Tritanomaly

34.6279, 25.2360, 22.1147

Monochromacy



Original Color

35.6229, 25.1746, 27.4077

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.4309, 24.6783, 27.7437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6229, 25.1746, 27.4077 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, 104, 139)` looks like.

```
.text, #text, p{  
    color:rgb(208, 104, 139)  
}
```

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, 104, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 104, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.6229, 25.1746, 27.4077 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, 104, 139) }
```


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

```
.border{ border-color:rgb(208, 104, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 104, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 104, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 104, 139);  
box-shadow:4px 4px 4px 4px rgb(208, 104,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6229, 25.1746, 27.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 104, 139) }
```

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

```
.background{ background-color: rgb(208,  
104, 139) }
```

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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