

Converting Colors

XYZ(35.6622, 26.4494, 29.1340)

Have a look what the booklet for
XYZ(35.6622, 26.4494, 29.1340)
contains.

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Color

**XYZ(35.6539, 26.4089,
29.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	CC708F
RGB	204, 112, 143
RGB Percent	80%, 44%, 56%
CMY	0.2000, 0.5608, 0.4392
CMYK	0.00, 0.45, 0.30, 0.20
HSL	340°, 47%, 62%
HSV	340°, 45%, 80%
XYZ	35.6539, 26.4089, 29.2049
YIQ	143.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

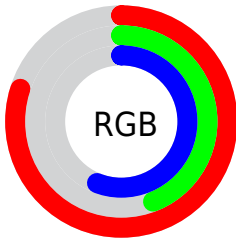
Format	Color
R_{YB}	204, 112, 143
Decimal	13398159
CIE _{Lab}	58.42, 39.81, -0.67
CIE _{LCh}	58, 39.817, 359.042
Yxy	26.4089, 0.3907, 0.2894
Android (android.graphics.Color)	4291588239 (0xFFCC708F)
YUV	143.0420, -0.0207, 53.4602
Hunter-Lab	51.3896, 33.9108, 2.2780

Details

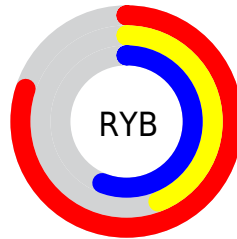
The XYZ color **35.6539, 26.4089, 29.2049** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.8190, 49.6482, 47.2329**, and the grayscale version is **26.1135, 27.4734, 29.9186**.

A 20% lighter version of the original color is **64.9543, 52.5637, 59.5457**, and **15.6771, 10.3308, 11.5237** is the 20% darker color. If you saturate the color by 10%, you get **32.6890, 22.0212, 23.4621**, and if you desaturate by 10%, it is **39.2538, 31.8684, 35.7696**.

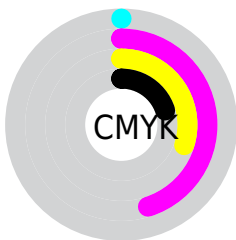
Distribution



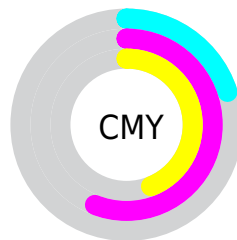
- Red (80%)
- Green (44%)
- Blue (56%)



- Red (80%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6539, 26.4089, 29.2049 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 35.6539, 26.4089, 29.2049 by changing the saturation by 10% instead.


 35.6539, 26.4089,
29.2049


 35.6539, 26.4089,
29.2049


318.9030,
284.7836, 312.2716

 24.3359, 17.1298,
18.9890


 67.8249, 53.9339,
59.4485


 15.7090, 10.3271,
11.4856


 89.4086, 72.9485,
80.3133

 9.4080, 5.6164,
6.2762


 115.1449, 95.9771,
105.5648

 5.0675, 2.6132,
2.9422

 145.3992,
123.4041, 135.6215

 2.3221, 0.9333,
1.0652

180.5368,
155.6139, 170.9020

 0.8059, 0.0000,
0.0000

220.9230,

 0.0000, 0.0000,

192.9908, 211.8249

0.0000

266.9233,
235.9192, 258.8086

■ 35.6539, 26.4089,
29.2049

■ 35.6539, 26.4089,
29.2049

■ 32.6890, 22.0212,
23.4621

■ 39.2538, 31.8684,
35.7696

■ 30.3175, 18.6298,
18.5049

■ 43.5222, 38.4607,
43.1870

■ 28.4964, 16.1558,
14.2965


■ 48.4928, 46.2467,
51.4882


■ 27.1752, 14.5061,
10.7955


■ 54.1964, 55.2819,
60.7022


■ 26.2930, 13.5676,
7.9557


■ 60.6620, 65.6183,
70.8565

 25.9677, 13.2637,
6.7783

 67.9168, 77.3049,
81.9776

 75.9867, 90.3883,
94.0907

 78.1083, 91.3360,
104.9574

 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



33.9993, 26.4089, 44.8396



35.6539, 26.4089, 29.2049



34.1911, 26.4089, 17.6196

Triad

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



35.6539, 26.4089, 29.2049



20.8315, 26.4089, 11.1271



20.5933, 26.4089, 58.3593

Complementary

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



35.6539, 26.4089, 29.2049



35.8190, 49.6482, 47.2329

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.



17.7841, 26.4089, 43.8048



35.6539, 26.4089, 29.2049



17.9086, 26.4089, 17.0660

Square

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



35.6539, 26.4089, 29.2049



25.2575, 26.4089, 9.4356



16.8674, 26.4089, 28.3094



24.9448, 26.4089, 64.6815

Rectangle

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



35.6539, 26.4089, 29.2049



31.7397, 26.4089, 12.9071



16.8674, 26.4089, 28.3094



19.4590, 26.4089, 54.0766

Sweetspot

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



35.6546, 26.4102, 29.2054



81.1201, 77.8678, 86.5990



33.6637, 24.6975, 60.1195



16.9509, 16.0177, 17.8589



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.



35.6546, 26.4102, 29.2054



54.3096, 36.7219, 39.2030



35.2627, 28.8792, 19.0467



11.3657, 11.2750, 12.4602



16.3835, 8.3640, 4.4724



0.8805, 0.4456, 0.4166

Inverse Universe

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



35.6546, 26.4102, 29.2054



54.3096, 36.7219, 39.2030



36.0389, 44.7187, 63.8588



11.3657, 11.2750, 12.4602



16.3835, 8.3640, 4.4724



0.8805, 0.4456, 0.4166

Previews

White Background



This preview shows how the XYZ color 35.6539, 26.4089, 29.2049 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 35.6539, 26.4089, 29.2049 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 35.6539, 26.4089, 29.2049

Background



This preview shows how black text looks on a background with the XYZ color 35.6539, 26.4089, 29.2049.



This preview shows how white text looks on a background with the XYZ color 35.6539, 26.4089,

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

35.6539, 26.4089, 29.2049

Protanopia

26.2045, 26.6975, 37.0297

Deuteranopia

26.9819, 26.4410, 28.1076



Tritanopia

34.1259, 26.2733, 22.3414

Trichromacy



Original Color

35.6539, 26.4089, 29.2049

Protanomaly

28.7157, 25.9797, 34.0730

Deuteranomaly

29.5566, 25.9564, 28.2632

Tritanomaly

34.7426, 26.3698, 24.7315

Monochromacy



Original Color

35.6539, 26.4089, 29.2049

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.7262, 26.4850, 29.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6539, 26.4089, 29.2049 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(204, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 112, 143)  
}
```

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(204, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 112, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.6539, 26.4089, 29.2049 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(204, 112, 143) }
```


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

```
.border{ border-color:rgb(204, 112, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 112,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6539, 26.4089, 29.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 112, 143) }
```

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

```
.background{ background-color: rgb(204,  
112, 143) }
```

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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