

Converting Colors

XYZ(26.0090, 17.1282, 29.8771)

Have a look what the booklet for
XYZ(26.0090, 17.1282, 29.8771)
contains.

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Color

**XYZ(25.9669, 17.1369,
29.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5194
RGB	175, 81, 148
RGB Percent	69%, 32%, 58%
CMY	0.3137, 0.6823, 0.4196
CMYK	0.00, 0.54, 0.15, 0.31
HSL	317°, 37%, 50%
HSV	317°, 54%, 69%
XYZ	25.9669, 17.1369, 29.9561
YIQ	116.7440, 34.5170, 40.7650

Conversions

Conversions Part 2

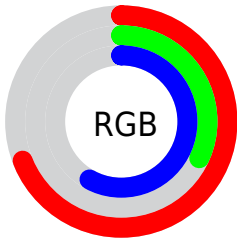
Format	Color
R _Y B	175, 81, 148
Decimal	11489684
CIE Lab	48.43, 46.71, -18.99
CIE LCh	48, 50.425, 337.878
Yxy	17.1369, 0.3554, 0.2346
Android (android.graphics.Color)	4289679764 (0xFFAF5194)
YUV	116.7440, 15.4092, 51.0905
Hunter-Lab	41.3967, 39.5233, -13.9266

Details

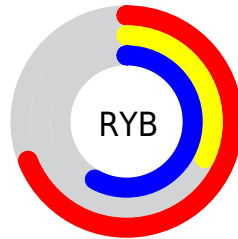
The XYZ color **25.9669, 17.1369, 29.9561** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.4309, 33.4925, 19.5239**, and the grayscale version is **16.7763, 17.6500, 19.2209**.

A 20% lighter version of the original color is **52.7900, 38.6381, 60.5527**, and **10.2953, 5.6400, 11.8553** is the 20% darker color. If you saturate the color by 10%, you get **24.4408, 14.7076, 27.5268**, and if you desaturate by 10%, it is **27.8464, 20.2450, 32.5888**.

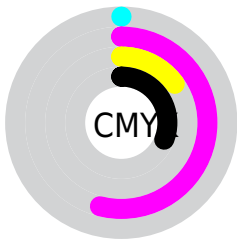
Distribution



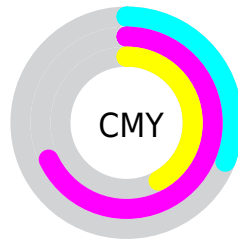
- Red (69%)
- Green (32%)
- Blue (58%)



- Red (69%)
- Yellow (32%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (15%)
- Black (31%)





- Cyan (31%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9669, 17.1369, 29.9561 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 25.9669, 17.1369, 29.9561 by changing the saturation by 10% instead.


 25.9669, 17.1369,
29.9561


 25.9669, 17.1369,
29.9561

274.8792,
235.9601, 315.9007


 16.9314, 10.3321,
19.5535


 52.6532, 38.5610,
60.6529


 10.2806, 5.6197,
11.8901


 71.0348, 53.9491,
81.7842


 5.6491, 2.6153,
6.5472

 93.2624, 72.9672,
107.3289

 2.6715, 0.9343,
3.1065

 119.7015, 95.9996,
137.7054

 0.9825, 0.0000,
1.1493

 150.7174,
123.4306, 173.3322

 0.0000, 0.0000,
0.0000

186.6754,

155.6448, 214.6281

227.9409,
193.0265, 262.0114

■ 25.9669, 17.1369,
29.9561

■ 25.9669, 17.1369,
29.9561

■ 24.4408, 14.7076,
27.5268

■ 27.8464, 20.2450,
32.5888

■ 23.2401, 12.9018,
25.2900

■ 30.1015, 24.0764,
35.4329

■ 22.3348, 11.6599,
23.2347

■ 32.7543, 28.6749,
38.4969

■ 21.6883, 10.9092,
21.3478

■ 35.8247, 34.0800,
41.7884

■ 21.3639, 10.5879,
20.2301

■ 39.3313, 40.3285,
45.3148

■ 43.2914, 47.4548,
49.0826

■ 47.7216, 55.4916,
53.0984

■ 52.6375, 64.4698,
57.3684

■ 58.0539, 74.4188,
61.8984

Harmonies

Analogous

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



22.3652, 17.1369, 46.7582



25.9669, 17.1369, 29.9561



26.7517, 17.1369, 15.3886

Triad

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



25.9669, 17.1369, 29.9561



15.1020, 17.1369, 3.1108



10.2410, 17.1369, 39.0115

Complementary

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



25.9669, 17.1369, 29.9561



21.4309, 33.4925, 19.5239

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.



8.9857, 17.1369, 22.3632



25.9669, 17.1369, 29.9561



11.4255, 17.1369, 4.9310

Square

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



25.9669, 17.1369, 29.9561



19.8627, 17.1369, 3.6313



9.3741, 17.1369, 10.6332



13.1704, 17.1369, 53.4825

Rectangle

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



25.9669, 17.1369, 29.9561



25.4564, 17.1369, 9.1214



9.3741, 17.1369, 10.6332



9.6371, 17.1369, 33.2403

Sweetspot

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



25.9674, 17.1377, 29.9564



62.6767, 58.4114, 73.2895



16.8210, 12.1461, 42.0156



13.6799, 12.5405, 16.0233



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9674, 17.1377, 29.9564



43.4387, 25.8249, 48.7203



22.9893, 15.9465, 14.2736



8.2375, 8.1083, 9.5615



15.3268, 7.5933, 14.6323



0.4484, 0.2201, 0.5232

Inverse Universe

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



25.9674, 17.1377, 29.9564



43.4387, 25.8249, 48.7203



24.6096, 34.7640, 36.2629



8.2375, 8.1083, 9.5615



15.3268, 7.5933, 14.6323



0.4484, 0.2201, 0.5232

Previews

White Background



This preview shows how the XYZ color 25.9669, 17.1369, 29.9561 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 25.9669, 17.1369, 29.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

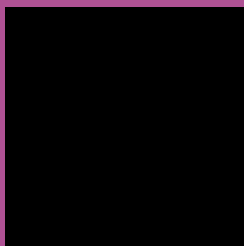
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9669, 17.1369, 29.9561

Background



This preview shows how black text looks on a background with the XYZ color 25.9669, 17.1369, 29.9561.



This preview shows how white text looks on a background with the XYZ color 25.9669, 17.1369,

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

25.9669, 17.1369, 29.9561

Protanopia

18.2795, 17.4847, 41.9466

Deuteranopia

17.6731, 17.3041, 28.3952



Tritanopia

22.6568, 17.1012, 13.9111

Trichromacy



Original Color

25.9669, 17.1369, 29.9561

Protanomaly

19.7644, 16.4682, 37.2589

Deuteranomaly

19.9179, 16.5859, 28.9397

Tritanomaly

23.7139, 17.0345, 18.8677

Monochromacy



Original Color

25.9669, 17.1369, 29.9561

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.3278, 16.8624, 22.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9669, 17.1369, 29.9561 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(175, 81, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 81, 148)  
}
```

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(175, 81, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 81, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.9669, 17.1369, 29.9561 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(175, 81, 148) }
```


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

```
.border{ border-color:rgb(175, 81, 148) }
```

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

Here you see how a box with a 4 pixel rgb(175, 81, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 81, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 81, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 81,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9669, 17.1369, 29.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 81, 148) }
```

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

```
.background{ background-color: rgb(175, 81,  
148) }
```

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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