

Converting Colors

XYZ(26.3604, 17.9527, 29.3914)

Have a look what the booklet for
XYZ(26.3604, 17.9527, 29.3914)
contains.

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Color

**XYZ(26.4206, 17.9610,
29.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	B05692
RGB	176, 86, 146
RGB Percent	69%, 34%, 57%
CMY	0.3098, 0.6627, 0.4274
CMYK	0.00, 0.51, 0.17, 0.31
HSL	320°, 36%, 51%
HSV	320°, 51%, 69%
XYZ	26.4206, 17.9610, 29.2684
YIQ	119.7500, 34.3800, 37.7400

Conversions

Conversions Part 2

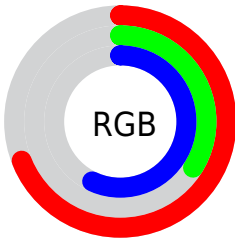
Format	Color
R _Y B	176, 86, 146
Decimal	11556498
CIE Lab	49.45, 44.21, -16.23
CIE LCh	49, 47.095, 339.838
Yxy	17.9610, 0.3587, 0.2439
Android (android.graphics.Color)	4289746578 (0xFFB05692)
YUV	119.7500, 12.9413, 49.3312
Hunter-Lab	42.3804, 37.1139, -11.2801

Details

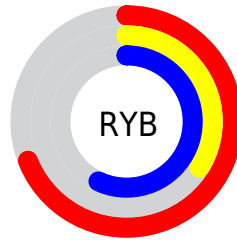
The XYZ color **26.4206, 17.9610, 29.2684** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.5163, 34.2907, 21.9565**, and the grayscale version is **17.7257, 18.6489, 20.3086**.

A 20% lighter version of the original color is **53.2622, 39.9590, 59.5492**, and **10.5227, 6.0352, 11.4368** is the 20% darker color. If you saturate the color by 10%, you get **24.7398, 15.3109, 26.5139**, and if you desaturate by 10%, it is **28.4719, 21.3141, 32.2623**.

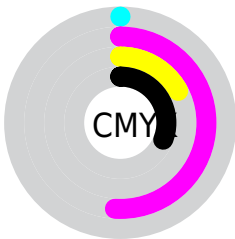
Distribution



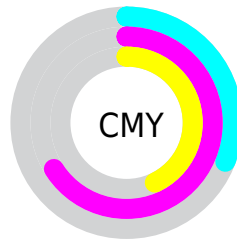
- Red (69%)
- Green (34%)
- Blue (57%)



- Red (69%)
- Yellow (34%)
- Blue (57%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (66%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4206, 17.9610, 29.2684 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 26.4206, 17.9610, 29.2684 by changing the saturation by 10% instead.

 26.4206, 17.9610,
29.2684


 26.4206, 17.9610,
29.2684


277.0597,
240.6511, 312.5797


 17.2729, 10.9220,
19.0366


 53.3792, 39.9709,
59.5505


 10.5258, 6.0144,
11.5197


 71.9208, 55.7105,
80.4379


 5.8138, 2.8538,
6.2990

 94.3243, 75.1191,
105.7143

 2.7718, 1.0559,
2.9560

 120.9553, 98.5812,
135.7982

 1.0343, 0.0000,
1.0722

 152.1789,
126.4810, 171.1082

 0.0000, 0.0000,
0.0000

188.3606,

159.2030, 212.0627

229.8658,
197.1316, 259.0804

■ 26.4206, 17.9610,
29.2684

■ 26.4206, 17.9610,
29.2684

■ 24.7398, 15.3109,
26.5139

■ 28.4719, 21.3141,
32.2623

■ 23.4016, 13.3095,
23.9874

■ 30.9157, 25.4143,
35.5041

■ 22.3768, 11.8983,
21.6774

■ 33.7739, 30.3049,
39.0029

■ 21.6301, 11.0075,
19.5704

■ 37.0667, 36.0255,
42.7671

■ 21.1350, 10.5223,
17.8488

■ 40.8125, 42.6126,
46.8044

■ 45.0290, 50.1008,
51.1222

■ 49.7326, 58.5227,
55.7275

■ 54.9391, 67.9093,
60.6271

■ 60.6634, 78.2902,
65.8275

Harmonies

Analogous

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



23.1551, 17.9610, 45.0270



26.4206, 17.9610, 29.2684



26.9570, 17.9610, 15.6640

Triad

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



26.4206, 17.9610, 29.2684



15.6518, 17.9610, 3.9918



11.3120, 17.9610, 39.8101

Complementary

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



26.4206, 17.9610, 29.2684



22.5163, 34.2907, 21.9565

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.



9.9571, 17.9610, 24.0456



26.4206, 17.9610, 29.2684



12.1592, 17.9610, 6.1365

Square

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



26.4206, 17.9610, 29.2684



20.1911, 17.9610, 4.4003



10.2376, 17.9610, 12.2727



14.2908, 17.9610, 52.7228

Rectangle

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



26.4206, 17.9610, 29.2684



25.6135, 17.9610, 9.7283



10.2376, 17.9610, 12.2727



10.6772, 17.9610, 34.4442

Sweetspot

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



26.4212, 17.9619, 29.2688



64.6629, 60.8675, 74.6869



18.3676, 13.5042, 42.7131



13.7481, 12.7301, 15.8822



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.



26.4212, 17.9619, 29.2688



44.6173, 27.3814, 47.6420



23.5820, 16.8262, 14.3178



8.7272, 8.5976, 10.0618



15.5350, 7.7316, 13.2432



0.5145, 0.2536, 0.5521

Inverse Universe

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



26.4212, 17.9619, 29.2688



44.6173, 27.3814, 47.6420



25.7968, 35.6028, 39.2312



8.7272, 8.5976, 10.0618



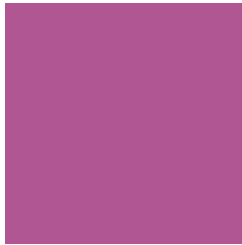
15.5350, 7.7316, 13.2432



0.5145, 0.2536, 0.5521

Previews

White Background



This preview shows how the XYZ color 26.4206, 17.9610, 29.2684 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 26.4206, 17.9610, 29.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

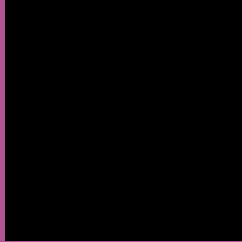
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4206, 17.9610, 29.2684

Background



This preview shows how black text looks on a background with the XYZ color 26.4206, 17.9610, 29.2684.



This preview shows how white text looks on a background with the XYZ color 26.4206, 17.9610,

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

26.4206, 17.9610, 29.2684

Protanopia

18.7928, 18.1427, 39.5572

Deuteranopia

18.4097, 18.0361, 27.7103



Tritanopia

23.5037, 17.9144, 14.7894

Trichromacy



Original Color

26.4206, 17.9610, 29.2684

Protanomaly

20.4500, 17.3083, 35.5207

Deuteranomaly

20.5557, 17.3728, 28.2565

Tritanomaly

24.3307, 17.8465, 19.3019

Monochromacy



Original Color

26.4206, 17.9610, 29.2684

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.1402, 17.8856, 23.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4206, 17.9610, 29.2684 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(176, 86, 146)` looks like.

```
.text, #text, p{  
    color:rgb(176, 86, 146)  
}
```

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(176, 86, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 86, 146) }
```

Border

The CSS property to change the border of an element to XYZ 26.4206, 17.9610, 29.2684 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(176, 86, 146) }
```


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

```
.border{ border-color:rgb(176, 86, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 86, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 86, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 86, 146);  
box-shadow:4px 4px 4px 4px rgb(176, 86,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4206, 17.9610, 29.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 86, 146) }
```

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

```
.background{ background-color: rgb(176, 86,  
146) }
```

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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