

# Converting Colors

XYZ(26.2693, 18.9543, 26.3188)

Have a look what the booklet for  
XYZ(26.2693, 18.9543, 26.3188)  
contains.

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# Color

**XYZ(26.2693, 18.9543,  
26.3188)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5E8A
RGB	175, 94, 138
RGB Percent	69%, 37%, 54%
CMY	0.3137, 0.6314, 0.4588
CMYK	0.00, 0.46, 0.21, 0.31
HSL	327°, 34%, 53%
HSV	327°, 46%, 69%
XYZ	26.2693, 18.9543, 26.3188
YIQ	123.2350, 34.1520, 30.8560

# Conversions

## Conversions Part 2

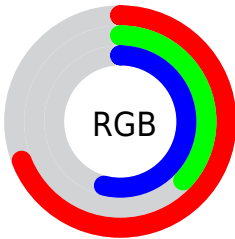
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 94, 138
Decimal	11493002
CIE <sub>Lab</sub>	50.63, 38.48, -9.70
CIE <sub>LCh</sub>	51, 39.681, 345.852
Yxy	18.9543, 0.3672, 0.2649
Android (android.graphics.Color)	4289683082 (0xFFAF5E8A)
YUV	123.2350, 7.2791, 45.3979
Hunter-Lab	43.5365, 31.5153, -5.3665

# Details

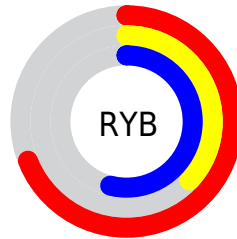
The XYZ color **26.2693, 18.9543, 26.3188** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.0436, 34.6788, 26.9006**, and the grayscale version is **18.8736, 19.8565, 21.6238**.

A 20% lighter version of the original color is **52.9616, 41.4752, 54.5043**, and **10.4079, 6.4990, 9.9384** is the 20% darker color. If you saturate the color by 10%, you get **24.3283, 15.9646, 22.9206**, and if you desaturate by 10%, it is **28.6068, 22.6685, 30.0597**.

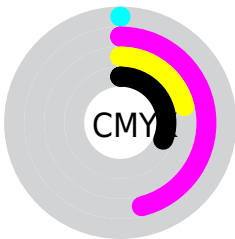
# Distribution



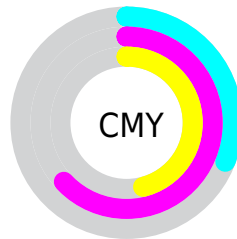
- Red (69%)
- Green (37%)
- Blue (54%)



- Red (69%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (63%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2693, 18.9543, 26.3188 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 26.2693, 18.9543, 26.3188 by changing the saturation by 10% instead.



■ 26.2693, 18.9543,  
26.3188

■ 26.2693, 18.9543,  
26.3188

276.3341,  
246.1964, 297.9987

■ 17.1590, 11.6373,  
16.8344

■ 53.1373, 41.6569,  
54.7792

■ 10.4439, 6.4972,  
9.9558

■ 71.6256, 57.8112,  
74.5922

■ 5.7588, 3.1497,  
5.2644

■ 93.9707, 77.6800,  
98.6853

■ 2.7382, 1.2104,  
2.3418

■ 120.5378,  
101.6478, 127.4768

■ 1.0169, 0.0702,  
0.7545

151.6924,  
130.0990, 161.3853

■ 0.0000, 0.0000,  
0.0000

187.7997,

163.4178, 200.8295

229.2251,  
201.9888, 246.2277

■ 26.2693, 18.9543,  
26.3188

■ 26.2693, 18.9543,  
26.3188

■ 24.3283, 15.9646,  
22.9206

■ 28.6068, 22.6685,  
30.0597

■ 22.7571, 13.6478,  
19.8512

■ 31.3619, 27.1485,  
34.1543

■ 21.5281, 11.9503,  
17.0970

■ 34.5562, 32.4357,  
38.6140


■ 20.6087, 10.8086,  
14.6423

■ 38.2091, 38.5680,  
43.4495


■ 19.9559, 10.1376,  
12.4676


■ 42.3390, 45.5806,  
48.6709

 19.7475, 9.9413,  
11.7185

 46.9630, 53.5067,  
54.2879

 52.0977, 62.3780,  
60.3096

 57.7587, 72.2244,  
66.7451

 63.9608, 83.0747,  
73.6029

# Harmonies

## Analogous

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



23.9221, 18.9543, 39.4036



26.2693, 18.9543, 26.3188



26.1955, 18.9543, 15.3304

# Triad

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



26.2693, 18.9543, 26.3188



16.0519, 18.9543, 6.1445



13.2990, 18.9543, 40.0997

# Complementary

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



26.2693, 18.9543, 26.3188



24.0436, 34.6788, 26.9006

# 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.



11.7448, 18.9543, 27.0478



26.2693, 18.9543, 26.3188



13.1712, 18.9543, 9.0391

# Square

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



26.2693, 18.9543, 26.3188



19.9030, 18.9543, 6.0714



11.7017, 18.9543, 15.8398



16.2513, 18.9543, 49.0946



# Rectangle

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



26.2693, 18.9543, 26.3188



24.7708, 18.9543, 10.4759



11.7017, 18.9543, 15.8398



12.6157, 18.9543, 35.8676

# Sweetspot

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



26.2699, 18.9552, 26.3192



63.1563, 60.2078, 70.8686



21.0165, 15.8831, 42.5156



13.7446, 12.8933, 15.3560



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.



26.2699, 18.9552, 26.3192



43.3578, 28.2705, 40.6551



23.8895, 18.0031, 13.7846



8.1803, 8.0854, 9.2605



14.1731, 7.1318, 8.5571



0.4215, 0.2093, 0.3811



# Inverse Universe

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



26.2699, 18.9552, 26.3192



43.3578, 28.2705, 40.6551



27.2925, 35.9784, 44.0094



8.1803, 8.0854, 9.2605



14.1731, 7.1318, 8.5571

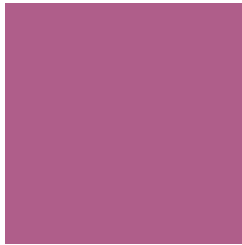


0.4215, 0.2093, 0.3811



# Previews

## White Background



This preview shows how the XYZ color 26.2693, 18.9543, 26.3188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

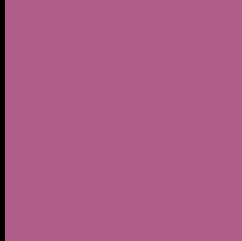
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.2693, 18.9543, 26.3188 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 26.2693, 18.9543, 26.3188**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.2693, 18.9543, 26.3188.



This preview shows how white text looks on a background with the XYZ color 26.2693, 18.9543,



# 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

26.2693, 18.9543, 26.3188

### Protanopia

19.3150, 19.2442, 33.7068

### Deuteranopia

19.5339, 19.1901, 25.2288



## Tritanopia

24.2243, 18.9465, 16.2902

# Trichromacy



## Original Color

26.2693, 18.9543, 26.3188

## Protanomaly

21.1009, 18.6897, 30.9291

## Deuteranomaly

21.3434, 18.6158, 25.3900

## Tritanomaly

24.8713, 18.9276, 19.4821

# Monochromacy



## Original Color

26.2693, 18.9543, 26.3188

## Achromatopsia

18.8265, 19.8069, 21.5697

## Achromatomaly

20.8458, 18.8976, 22.9710

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.2693, 18.9543, 26.3188 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, 94, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 94, 138)  
}
```

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, 94, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 94, 138) }
```

## Border

The CSS property to change the border of an element to XYZ 26.2693, 18.9543, 26.3188 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, 94, 138) }
```



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

```
.border{ border-color:rgb(175, 94, 138) }
```

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

Here you see how a box with a 4 pixel rgb(175, 94, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 94, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 94, 138);  
box-shadow:4px 4px 4px 4px rgb(175, 94,  
138) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.2693, 18.9543, 26.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 94, 138) }
```

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

```
.background{ background-color: rgb(175, 94,  
138) }
```

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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