

Converting Colors

XYZ(26.0237, 19.6044, 30.3022)

Have a look what the booklet for
XYZ(26.0237, 19.6044, 30.3022)
contains.

XYZ(26.0509, 19.5773, 30.4227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0509, 19.5773,
30.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	A86494
RGB	168, 100, 148
RGB Percent	66%, 39%, 58%
CMY	0.3412, 0.6078, 0.4196
CMYK	0.00, 0.40, 0.12, 0.34
HSL	318°, 28%, 53%
HSV	318°, 40%, 66%
XYZ	26.0509, 19.5773, 30.4227
YIQ	125.8040, 25.1200, 29.3440

Conversions

Conversions Part 2

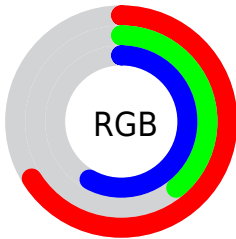
Format	Color
R _Y B	168, 100, 148
Decimal	11035796
CIE Lab	51.36, 34.46, -14.62
CIE LCh	51, 37.432, 337.011
Yxy	19.5773, 0.3425, 0.2574
Android (android.graphics.Color)	4289225876 (0xFFA86494)
YUV	125.8040, 10.9426, 37.0059
Hunter-Lab	44.2462, 27.6647, -9.7941

Details

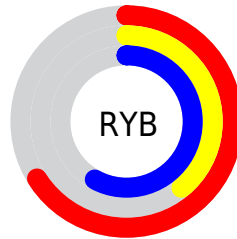
The XYZ color **26.0509, 19.5773, 30.4227** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6492, 32.0712, 22.7673**, and the grayscale version is **19.7233, 20.7504, 22.5972**.

A 20% lighter version of the original color is **52.6294, 42.5680, 61.3197**, and **10.2809, 6.8081, 12.0815** is the 20% darker color. If you saturate the color by 10%, you get **24.2199, 16.5277, 27.9237**, and if you desaturate by 10%, it is **28.2321, 23.2999, 33.1212**.

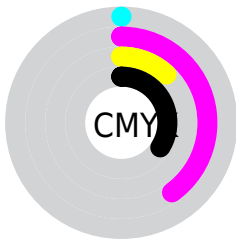
Distribution



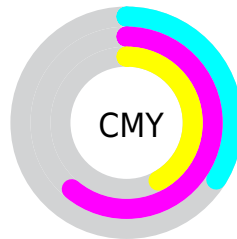
- Red (66%)
- Green (39%)
- Blue (58%)



- Red (66%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (34%)





- Cyan (34%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0509, 19.5773, 30.4227 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 26.0509, 19.5773, 30.4227 by changing the saturation by 10% instead.


 26.0509, 19.5773,
30.4227


 26.0509, 19.5773,
30.4227


275.2840,
249.6175, 318.1382


 16.9946, 12.0882,
19.9049


 52.7878, 42.7074,
61.3989


 10.3259, 6.8037,
12.1425


 71.1990, 59.1170,
82.6944

 5.6795, 3.3397,
6.7171

 93.4594, 79.2691,
108.4195

 2.6900, 1.3115,
3.2101

 119.9341,
103.5478, 138.9927

 0.9920, 0.1501,
1.2029

150.9885,
132.3376, 174.8327

 0.0000, 0.0000,
0.0000

186.9881,

166.0229, 216.3579

228.2981,
204.9880, 263.9869

■ 26.0509, 19.5773,
30.4227

■ 26.0509, 19.5773,
30.4227

■ 24.2199, 16.5277,
27.9237

■ 28.2321, 23.2999,
33.1212

■ 22.7165, 14.1071,
25.6151

■ 30.7806, 27.7306,
36.0254

■ 21.5181, 12.2707,
23.4885

■ 33.7148, 32.9050,
39.1425

■ 20.5988, 10.9665,
21.5342

■ 37.0509, 38.8558,
42.4789

■ 19.9275, 10.1330,
19.7408

■ 40.8046, 45.6136,
46.0408

■ 19.4535, 9.6469,
18.1593

■ 44.9904, 53.2075,
49.8340

■ 49.6223, 61.6648,
53.8640

■ 54.7135, 71.0120,
58.1361

■ 60.2768, 81.2741,
62.6555

Harmonies

Analogous

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



23.2852, 19.5773, 42.3759



26.0509, 19.5773, 30.4227



26.7043, 19.5773, 18.8981

Triad

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



26.0509, 19.5773, 30.4227



17.7429, 19.5773, 6.7049



13.4318, 19.5773, 36.2878

Complementary

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



26.0509, 19.5773, 30.4227



22.6492, 32.0712, 22.7673

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.



12.3393, 19.5773, 23.9326



26.0509, 19.5773, 30.4227



14.6026, 19.5773, 8.7297

Square

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



26.0509, 19.5773, 30.4227



21.5625, 19.5773, 7.4145



12.7372, 19.5773, 14.2369



15.9358, 19.5773, 46.4795

Rectangle

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



26.0509, 19.5773, 30.4227



25.7847, 19.5773, 13.2584



12.7372, 19.5773, 14.2369



12.9037, 19.5773, 32.1151

Sweetspot

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



26.0515, 19.5782, 30.4231



60.1984, 57.9708, 70.0131



19.2704, 15.8834, 39.0962



12.9730, 12.3740, 15.1056



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.0515, 19.5782, 30.4231



44.1247, 30.2780, 50.9223



23.7855, 18.6718, 18.4908



7.7465, 7.6284, 8.9821



14.7136, 7.2942, 13.8352



0.3787, 0.1858, 0.4457

Inverse Universe

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



26.0515, 19.5782, 30.4231



44.1247, 30.2780, 50.9223



25.0307, 33.0238, 35.3082



7.7465, 7.6284, 8.9821



14.7136, 7.2942, 13.8352



0.3787, 0.1858, 0.4457

Previews

White Background



This preview shows how the XYZ color 26.0509, 19.5773, 30.4227 looks on a white background.

Color Contrast Check

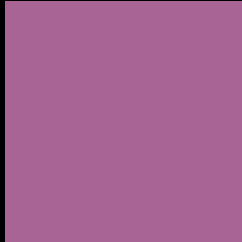
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0509, 19.5773, 30.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

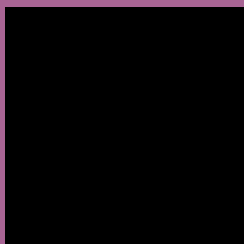
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0509, 19.5773, 30.4227

Background



This preview shows how black text looks on a background with the XYZ color 26.0509, 19.5773, 30.4227.



This preview shows how white text looks on a background with the XYZ color 26.0509, 19.5773,

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

26.0509, 19.5773, 30.4227

Protanopia

20.0038, 19.6986, 37.3982

Deuteranopia

20.0627, 19.7316, 29.1367



Tritanopia

23.6620, 19.6457, 18.7645

Trichromacy



Original Color

26.0509, 19.5773, 30.4227

Protanomaly

21.5924, 19.1844, 34.9127

Deuteranomaly

21.8312, 19.4300, 29.3878

Tritanomaly

24.2981, 19.4323, 22.5488

Monochromacy



Original Color

26.0509, 19.5773, 30.4227

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.6489, 20.1065, 25.2942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0509, 19.5773, 30.4227 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(168, 100, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 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(168, 100, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.0509, 19.5773, 30.4227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

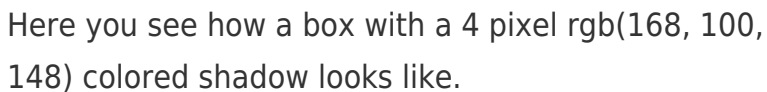
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 100, 148) }
```


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

```
.border{ border-color:rgb(168, 100, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 100, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 100, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 100, 148); box-shadow:4px 4px 4px 4px rgb(168, 100, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0509, 19.5773, 30.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 148) }
```

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

```
.background{ background-color: rgb(168,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor