

Converting Colors

XYZ(26.0544, 19.5019, 30.3665)

Have a look what the booklet for
XYZ(26.0544, 19.5019, 30.3665)
contains.

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Color

**XYZ(25.9556, 19.3866,
30.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	A86394
RGB	168, 99, 148
RGB Percent	66%, 39%, 58%
CMY	0.3412, 0.6117, 0.4196
CMYK	0.00, 0.41, 0.12, 0.34
HSL	317°, 28%, 52%
HSV	317°, 41%, 66%
XYZ	25.9556, 19.3866, 30.3910
YIQ	125.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

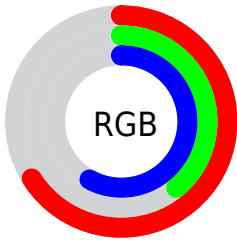
Format	Color
R _Y B	168, 99, 148
Decimal	11035540
CIE Lab	51.14, 35.01, -14.95
CIE LCh	51, 38.068, 336.873
Yxy	19.3866, 0.3427, 0.2560
Android (android.graphics.Color)	4289225620 (0xFFA86394)
YUV	125.2170, 11.2320, 37.5207
Hunter-Lab	44.0302, 28.1720, -10.1026

Details

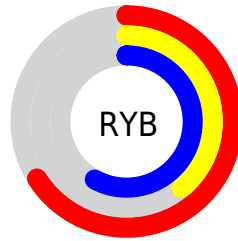
The XYZ color **25.9556, 19.3866, 30.3910** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4788, 31.9905, 22.4441**, and the grayscale version is **19.5239, 20.5407, 22.3688**.

A 20% lighter version of the original color is **52.4677, 42.2448, 61.2658**, and **10.2377, 6.7217, 12.0671** is the 20% darker color. If you saturate the color by 10%, you get **24.1492, 16.3774, 27.9270**, and if you desaturate by 10%, it is **28.1105, 23.0662, 33.0516**.

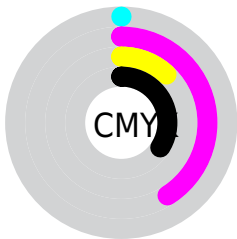
Distribution



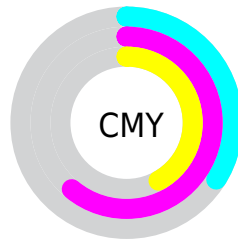
- Red (66%)
- Green (39%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (34%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9556, 19.3866, 30.3910 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 25.9556, 19.3866, 30.3910 by changing the saturation by 10% instead.

 25.9556, 19.3866,
30.3910


 25.9556, 19.3866,
30.3910


274.8248,
248.5748, 317.9866


 16.9229, 11.9500,
19.8810


 52.6351, 42.3863,
61.3483


 10.2745, 6.7096,
12.1253


 71.0127, 58.7182,
82.6326

 5.6450, 3.2812,
6.7055

 93.2359, 78.7840,
108.3455

 2.6690, 1.2802,
3.2030

 119.6702,
102.9681, 138.9054

 0.9813, 0.1258,
1.1992

150.6809,
131.6548, 174.7310

 0.0000, 0.0000,
0.0000

186.6333,

165.2285, 216.2406

227.8928,
204.0737, 263.8530

■ 25.9556, 19.3866,
30.3910

■ 25.9556, 19.3866,
30.3910

■ 24.1492, 16.3774,
27.9270

■ 28.1105, 23.0662,
33.0516

■ 22.6686, 13.9946,
25.6504

■ 30.6313, 27.4515,
35.9149

■ 21.4912, 12.1928,
23.5530

■ 33.5361, 32.5783,
38.9882

■ 20.5906, 10.9197,
21.6249

■ 36.8415, 38.4795,
42.2779

■ 19.9356, 10.1131,
19.8548

■ 40.5631, 45.1857,
45.7900

■ 19.4966, 9.6641,
18.3859

■ 44.7154, 52.7261,
49.5303

■ 49.3124, 61.1281,
53.5044

■ 54.3675, 70.4182,
57.7175

■ 59.8934, 80.6216,
62.1749

Harmonies

Analogous

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



23.1433, 19.3866, 42.5368



25.9556, 19.3866, 30.3910



26.6301, 19.3866, 18.7134

Triad

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



25.9556, 19.3866, 30.3910



17.5698, 19.3866, 6.4484



13.1997, 19.3866, 36.2336

Complementary

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



25.9556, 19.3866, 30.3910



22.4788, 31.9905, 22.4441

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.



12.1085, 19.3866, 23.7002



25.9556, 19.3866, 30.3910



14.3983, 19.3866, 8.4470

Square

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



25.9556, 19.3866, 30.3910



21.4328, 19.3866, 7.1647



12.5153, 19.3866, 13.9398



15.7152, 19.3866, 46.6379

Rectangle

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



25.9556, 19.3866, 30.3910



25.7040, 19.3866, 13.0251



12.5153, 19.3866, 13.9398



12.6711, 19.3866, 31.9911

Sweetspot

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



25.9562, 19.3875, 30.3914



60.2125, 57.9764, 70.0875



19.0767, 15.6420, 39.0600



12.9764, 12.3753, 15.1234



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.



25.9562, 19.3875, 30.3914



44.1741, 30.2977, 51.1824



23.6454, 18.4632, 18.2232



7.7478, 7.6290, 8.9892



14.7459, 7.3071, 14.0054



0.3793, 0.1860, 0.4489

Inverse Universe

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



25.9562, 19.3875, 30.3914



44.1741, 30.2977, 51.1824



24.9028, 32.9601, 35.2087



7.7478, 7.6290, 8.9892



14.7459, 7.3071, 14.0054



0.3793, 0.1860, 0.4489

Previews

White Background



This preview shows how the XYZ color 25.9556, 19.3866, 30.3910 looks on a white background.

Color Contrast Check

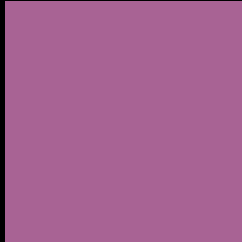
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9556, 19.3866, 30.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

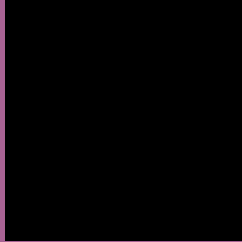
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9556, 19.3866, 30.3910

Background



This preview shows how black text looks on a background with the XYZ color 25.9556, 19.3866, 30.3910.



This preview shows how white text looks on a background with the XYZ color 25.9556, 19.3866,

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

25.9556, 19.3866, 30.3910

Protanopia

19.9686, 19.6701, 37.8662

Deuteranopia

19.7992, 19.4182, 29.0901



Tritanopia

23.5011, 19.4155, 18.4285

Trichromacy



Original Color

25.9556, 19.3866, 30.3910

Protanomaly

21.4368, 19.1042, 34.9054

Deuteranomaly

21.5525, 19.1216, 29.3430

Tritanomaly

24.1332, 19.2062, 22.1739

Monochromacy



Original Color

25.9556, 19.3866, 30.3910

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.4635, 19.8470, 24.8899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9556, 19.3866, 30.3910 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, 99, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 99, 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, 99, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 99, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.9556, 19.3866, 30.3910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

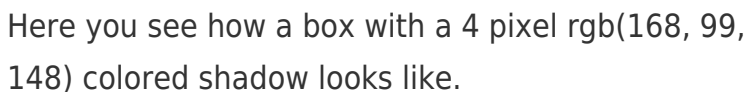
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 99, 148) }
```


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

```
.border{ border-color:rgb(168, 99, 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, 99, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 99, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 99, 148); box-shadow:4px 4px 4px 4px rgb(168, 99, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9556, 19.3866, 30.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 99, 148) }
```

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

```
.background{ background-color: rgb(168, 99,  
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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