

Converting Colors

XYZ(19.2180, 15.2287, 36.1089)

Have a look what the booklet for
XYZ(19.2180, 15.2287, 36.1089)
contains.

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Color

**XYZ(19.2180, 15.2287,
36.1089)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5FA2
RGB	126, 95, 162
RGB Percent	49%, 37%, 64%
CMY	0.5059, 0.6274, 0.3647
CMYK	0.22, 0.41, 0.00, 0.36
HSL	268°, 26%, 50%
HSV	268°, 41%, 64%
XYZ	19.2180, 15.2287, 36.1089
YIQ	111.9070, -3.0310, 27.4090

Conversions

Conversions Part 2

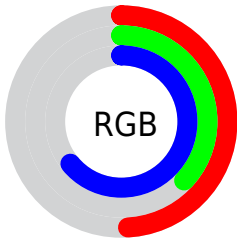
Format	Color
R_{YB}	126, 95, 162
Decimal	8282018
CIE _{Lab}	45.95, 26.46, -31.63
CIE _{LCh}	46, 41.240, 309.911
Yxy	15.2287, 0.2724, 0.2158
Android (android.graphics.Color)	4286472098 (0xFF7E5FA2)
YUV	111.9070, 24.6958, 12.3596
Hunter-Lab	39.0240, 19.6133, -27.5443

Details

The XYZ color **19.2180, 15.2287, 36.1089** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.3463, 31.4925, 15.6226**, and the grayscale version is **15.3049, 16.1020, 17.5350**.

A 20% lighter version of the original color is **41.6257, 35.2708, 70.2597**, and **6.7731, 4.7355, 15.3089** is the 20% darker color. If you saturate the color by 10%, you get **16.6796, 11.9747, 35.6149**, and if you desaturate by 10%, it is **22.1727, 19.1484, 36.7100**.

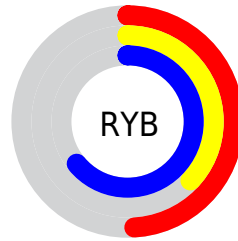
Distribution



Red (49%)

Green (37%)

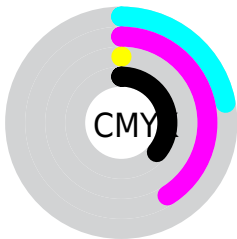
Blue (64%)



Red (49%)

Yellow (37%)

Blue (64%)

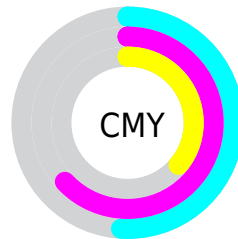


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2180, 15.2287, 36.1089 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 19.2180, 15.2287, 36.1089 by changing the saturation by 10% instead.

■ 19.2180, 15.2287,
36.1089

■ 19.2180, 15.2287,
36.1089

240.5647,
224.7463, 344.4881

■ 11.9328, 8.9801,
24.2280

■ 41.6162, 35.2539,
70.3711

■ 6.7698, 4.7282,
15.2890

■ 57.4599, 49.7992,
93.5893

■ 3.3636, 2.0887,
8.8736

■ 76.8872, 67.8789,
121.4238

■ 1.3488, 0.6582,
4.5632

■ 100.2634, 89.8773,
154.2930

■ 0.2193, 0.0000,
1.9391

127.9539,
116.1789, 192.6155

■ 0.0000, 0.0000,
0.5174

160.3241,

■ 0.0000, 0.0000,

147.1680, 236.8098

0.0000

197.7392,
183.2290, 287.2945

■ 19.2180, 15.2287,
36.1089

■ 19.2180, 15.2287,
36.1089

■ 16.6796, 11.9747,
35.6149

■ 22.1727, 19.1484,
36.7100

■ 14.5339, 9.3453,
35.2204

■ 25.5621, 23.7680,
37.4230

■ 12.7576, 7.2972,
34.9187

■ 29.4053, 29.1216,
38.2538

■ 11.3236, 5.7810,
34.7016

■ 33.7199, 35.2403,
39.2074

■ 10.2003, 4.7382,
34.5596

■ 38.5224, 42.1535,
40.2887

■ 9.4199, 4.1027,
34.4781

■ 43.8284, 49.8891,
41.5022

■ 49.6530, 58.4735,
42.8521

■ 56.0103, 67.9318,
44.3427

■ 62.9142, 78.2884,
45.9779

Harmonies

Analogous

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



15.6598, 15.2287, 43.6119



19.2180, 15.2287, 36.1089



21.7310, 15.2287, 24.0925

Triad

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



19.2180, 15.2287, 36.1089



16.9024, 15.2287, 4.2932



8.8219, 15.2287, 20.1121

Complementary

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



19.2180, 15.2287, 36.1089



24.3463, 31.4925, 15.6226

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.



9.0452, 15.2287, 10.8204



19.2180, 15.2287, 36.1089



13.3504, 15.2287, 3.9448

Square

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



19.2180, 15.2287, 36.1089



20.2523, 15.2287, 7.0587



10.5837, 15.2287, 5.7812



9.9154, 15.2287, 32.2103

Rectangle

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



19.2180, 15.2287, 36.1089



22.2704, 15.2287, 16.6112



10.5837, 15.2287, 5.7812



8.7502, 15.2287, 16.5517

Sweetspot

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



19.2185, 15.2293, 36.1092



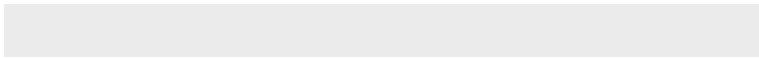
52.7412, 51.9661, 69.3068



19.4723, 21.5039, 37.3070



11.6458, 11.3914, 15.5225



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.2185, 15.2293, 36.1092



30.4527, 21.9556, 64.6889



24.8429, 18.1288, 36.3725



6.9974, 7.0130, 8.8879



7.4699, 3.2574, 27.1648



0.2113, 0.0965, 0.5733

Inverse Universe

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



23.0896, 17.5050, 23.6350



38.7693, 26.8502, 37.6421



20.0612, 29.2834, 15.4220



7.2254, 7.1466, 8.1734



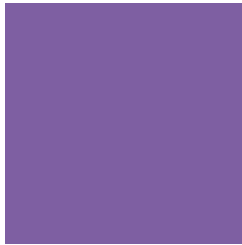
13.1175, 6.6030, 7.8093



0.2992, 0.1482, 0.2882

Previews

White Background



This preview shows how the XYZ color 19.2180, 15.2287, 36.1089 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 19.2180, 15.2287, 36.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

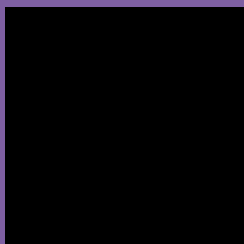
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2180, 15.2287, 36.1089

Background



This preview shows how black text looks on a background with the XYZ color 19.2180, 15.2287, 36.1089.



This preview shows how white text looks on a background with the XYZ color 19.2180, 15.2287,

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

19.2180, 15.2287, 36.1089

Protanopia

16.3602, 15.3788, 41.1358

Deuteranopia

15.6451, 15.3030, 34.9301



Tritanopia

15.5601, 15.1696, 18.0275

Trichromacy



Original Color

19.2180, 15.2287, 36.1089

Protanomaly

17.0637, 15.1803, 39.0765

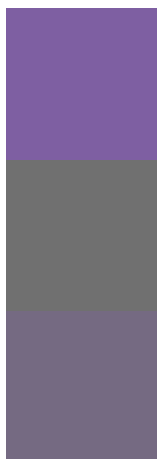
Deuteranomaly

16.6749, 15.0633, 35.2864

Tritanomaly

16.6356, 15.0110, 23.4934

Monochromacy



Original Color

19.2180, 15.2287, 36.1089

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5194, 15.7017, 23.2792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2180, 15.2287, 36.1089 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(126, 95, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 95, 162)  
}
```

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(126, 95, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 95, 162) }
```

Border

The CSS property to change the border of an element to XYZ 19.2180, 15.2287, 36.1089 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(126, 95, 162) }
```


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

```
.border{ border-color:rgb(126, 95, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 95, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 95, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 95, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 95,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2180, 15.2287, 36.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 95, 162) }
```

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

```
.background{ background-color: rgb(126, 95,  
162) }
```

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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