

Converting Colors

XYZ(19.2032, 15.6203, 19.1742)

Have a look what the booklet for
XYZ(19.2032, 15.6203, 19.1742)
contains.

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Color

**XYZ(19.2163, 15.6034,
19.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	925F76
RGB	146, 95, 118
RGB Percent	57%, 37%, 46%
CMY	0.4274, 0.6274, 0.5373
CMYK	0.00, 0.35, 0.19, 0.43
HSL	333°, 21%, 47%
HSV	333°, 35%, 57%
XYZ	19.2163, 15.6034, 19.1385
YIQ	112.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

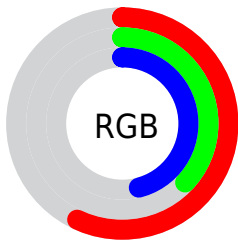
Format	Color
R_{YB}	146, 95, 118
Decimal	9592694
CIE Lab	46.45, 24.28, -4.36
CIE LCh	46, 24.667, 349.817
Yxy	15.6034, 0.3561, 0.2892
Android (android.graphics.Color)	4287782774 (0xFF925F76)
YUV	112.8710, 2.5286, 29.0541
Hunter-Lab	39.5011, 17.7087, -1.0755

Details

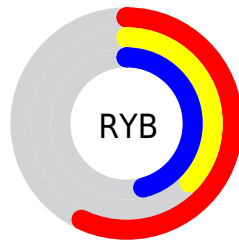
The XYZ color **19.2163, 15.6034, 19.1385** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5740, 24.4212, 22.4748**, and the grayscale version is **15.6461, 16.4610, 17.9260**.

A 20% lighter version of the original color is **41.6220, 35.8776, 42.7616**, and **6.7381, 4.8549, 6.3763** is the 20% darker color. If you saturate the color by 10%, you get **17.5661, 13.0331, 16.3372**, and if you desaturate by 10%, it is **21.1544, 18.6844, 22.2358**.

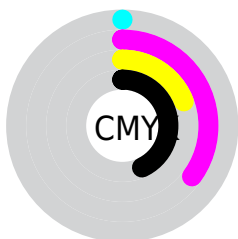
Distribution



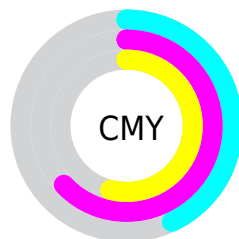
- Red (57%)
- Green (37%)
- Blue (46%)



- Red (57%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (43%)



- Cyan (43%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2163, 15.6034, 19.1385 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 19.2163, 15.6034, 19.1385 by changing the saturation by 10% instead.

■ 19.2163, 15.6034,
19.1385

■ 19.2163, 15.6034,
19.1385

240.5555,
226.9900, 259.6605

■ 11.9316, 9.2440,
11.5926

■ 41.6133, 35.9083,
42.8078

■ 6.7690, 4.9006,
6.3477

■ 57.4564, 50.6225,
59.7683

■ 3.3631, 2.1891,
2.9855

■ 76.8829, 68.8905,
80.7040

■ 1.3486, 0.7140,
1.0872

■ 100.2583, 91.0966,
106.0335

■ 0.2191, 0.0000,
0.0000

127.9479,
117.6252, 136.1754

■ 0.0000, 0.0000,
0.0000

160.3171,

148.8607, 171.5481

197.7312,
185.1875, 212.5703

■ 19.2163, 15.6034,
19.1385

■ 19.2163, 15.6034,
19.1385

■ 17.5661, 13.0331,
16.3372

■ 21.1544, 18.6844,
22.2358

■ 16.1876, 10.9432,
13.8212

■ 23.3927, 22.2996,
25.6376

■ 15.0651, 9.3038,
11.5802

■ 25.9446, 26.4740,
29.3531

■ 14.1806, 8.0805,
9.6029

■ 28.8219, 31.2300,
33.3907

■ 13.5134, 7.2339,
7.8767

■ 32.0361, 36.5892,
37.7585

■ 13.0370, 6.7127,
6.3870

■ 35.5980, 42.5716,
42.4643

■ 12.8328, 6.5025,
5.7081

■ 39.5178, 49.1967,
47.5157

■ 43.8056, 56.4829,
52.9199

■ 48.4708, 64.4479,
58.6840

Harmonies

Analogous

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



18.1686, 15.6034, 25.6921



19.2163, 15.6034, 19.1385



19.0064, 15.6034, 13.3304

Triad

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



19.2163, 15.6034, 19.1385



13.4908, 15.6034, 8.2018



12.3524, 15.6034, 27.5627

Complementary

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



19.2163, 15.6034, 19.1385



18.5740, 24.4212, 22.4748

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.



11.3161, 15.6034, 21.2635



19.2163, 15.6034, 19.1385



11.9287, 15.6034, 10.5142

Square

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



19.2163, 15.6034, 19.1385



15.5631, 15.6034, 7.8934



11.1687, 15.6034, 15.0076



14.1214, 15.6034, 31.2684

Rectangle

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



19.2163, 15.6034, 19.1385



18.1878, 15.6034, 10.5557



11.1687, 15.6034, 15.0076



11.9142, 15.6034, 25.6169

Sweetspot

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



19.2167, 15.6041, 19.1388



43.3248, 42.6942, 48.2557



17.3356, 14.4127, 29.0626



9.5145, 9.2958, 10.5544



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2167, 15.6041, 19.1388



31.5534, 23.8632, 29.8062



18.1672, 15.4320, 12.8485



5.9030, 5.8563, 6.5954



11.3038, 5.7266, 5.0808



0.1529, 0.0759, 0.1387

Inverse Universe

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



19.2167, 15.6041, 19.1388



31.5534, 23.8632, 29.8062



19.9269, 24.5462, 30.8820



5.9030, 5.8563, 6.5954



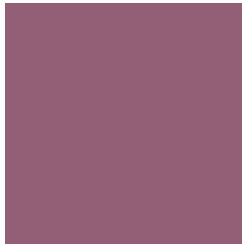
11.3038, 5.7266, 5.0808



0.1529, 0.0759, 0.1387

Previews

White Background



This preview shows how the XYZ color 19.2163, 15.6034, 19.1385 looks on a white background.

Color Contrast Check

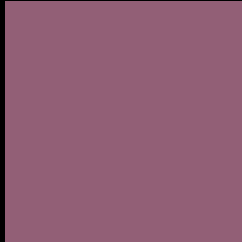
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2163, 15.6034, 19.1385 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 19.2163, 15.6034, 19.1385

Background



This preview shows how black text looks on a background with the XYZ color 19.2163, 15.6034, 19.1385.



This preview shows how white text looks on a background with the XYZ color 19.2163, 15.6034,

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

19.2163, 15.6034, 19.1385

Protanopia

15.4701, 15.8100, 22.3149

Deuteranopia

16.0178, 15.6983, 18.7088



Tritanopia

18.5016, 15.5891, 15.3985

Trichromacy



Original Color

19.2163, 15.6034, 19.1385

Protanomaly

16.5748, 15.6233, 21.2108

Deuteranomaly

17.1144, 15.6520, 18.9487

Tritanomaly

18.6744, 15.5113, 16.7616

Monochromacy



Original Color

19.2163, 15.6034, 19.1385

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7060, 15.9058, 18.4093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2163, 15.6034, 19.1385 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(146, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(146, 95, 118)  
}
```

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(146, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 95, 118) }
```

Border

The CSS property to change the border of an element to XYZ 19.2163, 15.6034, 19.1385 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(146, 95, 118) }
```


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

```
.border{ border-color:rgb(146, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(146, 95,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2163, 15.6034, 19.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 95, 118) }
```

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

```
.background{ background-color: rgb(146, 95,  
118) }
```

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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