

Converting Colors

XYZ(16.6284, 14.2545, 19.0047)

Have a look what the booklet for
XYZ(16.6284, 14.2545, 19.0047)
contains.

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Color

**XYZ(16.5681, 14.2383,
19.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	825F76
RGB	130, 95, 118
RGB Percent	51%, 37%, 46%
CMY	0.4902, 0.6274, 0.5373
CMYK	0.00, 0.27, 0.09, 0.49
HSL	321°, 16%, 44%
HSV	321°, 27%, 51%
XYZ	16.5681, 14.2383, 19.0146
YIQ	108.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

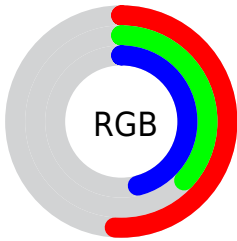
Format	Color
R_{YB}	130, 95, 118
Decimal	8544118
CIE Lab	44.57, 18.22, -7.35
CIE LCh	45, 19.646, 338.014
Yxy	14.2383, 0.3326, 0.2858
Android (android.graphics.Color)	4286734198 (0xFF825F76)
YUV	108.0870, 4.8871, 19.2177
Hunter-Lab	37.7337, 12.3419, -3.4636

Details

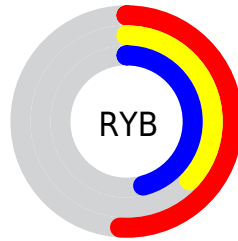
The XYZ color **16.5681, 14.2383, 19.0146** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3563, 19.4600, 16.8575**, and the grayscale version is **14.2627, 15.0055, 16.3410**.

A 20% lighter version of the original color is **37.0630, 33.5273, 42.5482**, and **5.4707, 4.2616, 6.3286** is the 20% darker color. If you saturate the color by 10%, you get **15.2348, 11.9855, 17.2941**, and if you desaturate by 10%, it is **18.1102, 16.8883, 20.8668**.

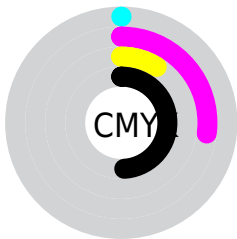
Distribution



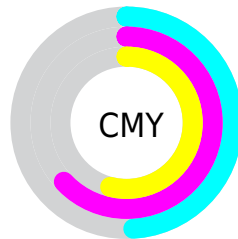
- Red (51%)
- Green (37%)
- Blue (46%)



- Red (51%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5681, 14.2383, 19.0146 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 16.5681, 14.2383, 19.0146 by changing the saturation by 10% instead.

■ 16.5681, 14.2383,
19.0146

■ 16.5681, 14.2383,
19.0146

225.8761,
218.7083, 258.9548

■ 10.0204, 8.2866,
11.5039

■ 37.1312, 33.5113,
42.5958

■ 5.4749, 4.2789,
6.2884

■ 51.8774, 47.6013,
59.5034

■ 2.5661, 1.8308,
2.9496

■ 70.0871, 65.1729,
80.3803

■ 0.9287, 0.5062,
1.0690

■ 92.1257, 86.6105,
105.6452

■ 0.0000, 0.0000,
0.0000

118.3585,
112.2984, 135.7166

149.1510,

142.6211, 171.0129

184.8684,
177.9629, 211.9528

■ 16.5681, 14.2383,
19.0146

■ 16.5681, 14.2383,
19.0146

■ 15.2348, 11.9855,
17.2941

■ 18.1102, 16.8883,
20.8668

■ 14.0992, 10.1085,
15.7003

■ 19.8690, 19.9516,
22.8536

■ 13.1510, 8.5868,
14.2290

■ 21.8536, 23.4459,
24.9791

■ 12.3785, 7.3973,
12.8755

■ 24.0721, 27.3872,
27.2468

■ 11.7685, 6.5138,
11.6344

■ 26.5322, 31.7907,
29.6600

■ 11.3058, 5.9066,
10.4999

■ 29.2414, 36.6709,
32.2220

■ 10.9615, 5.5176,
9.4612

■ 32.2066, 42.0416,
34.9358

■ 10.8626, 5.4085,
9.1549

■ 35.4346, 47.9161,
37.8045

■ 38.9320, 54.3073,
40.8309

Harmonies

Analogous

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



15.5030, 14.2383, 23.4682



16.5681, 14.2383, 19.0146



16.7892, 14.2383, 14.3150

Triad

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



16.5681, 14.2383, 19.0146



13.1116, 14.2383, 8.3531



11.2661, 14.2383, 21.5397

Complementary

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



16.5681, 14.2383, 19.0146



15.3563, 19.4600, 16.8575

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.



10.7278, 14.2383, 16.7552



16.5681, 14.2383, 19.0146



11.7375, 14.2383, 9.5812

Square

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



16.5681, 14.2383, 19.0146



14.7093, 14.2383, 8.7231



10.8934, 14.2383, 12.4529



12.4213, 14.2383, 25.1134

Rectangle

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



16.5681, 14.2383, 19.0146



16.4132, 14.2383, 11.7461



10.8934, 14.2383, 12.4529



11.0113, 14.2383, 19.9863

Sweetspot

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



16.5685, 14.2389, 19.0149



34.5788, 34.4149, 39.7925



14.1455, 12.9021, 22.8639



7.7310, 7.6222, 8.9005



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.5685, 14.2389, 19.0149



27.7716, 22.6895, 31.7000



15.6394, 13.8673, 14.1223



4.4375, 4.3881, 5.1081



10.4188, 5.1872, 8.7953



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5685, 14.2389, 19.0149



27.7716, 22.6895, 31.7000



16.3510, 19.8578, 22.0954



4.4375, 4.3881, 5.1081



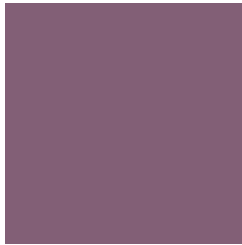
10.4188, 5.1872, 8.7953



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5681, 14.2383, 19.0146 looks on a white background.

Color Contrast Check

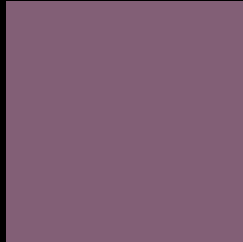
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5681, 14.2383, 19.0146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

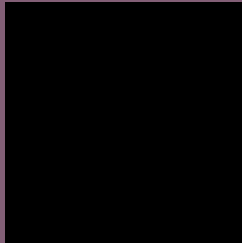
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5681, 14.2383, 19.0146

Background



This preview shows how black text looks on a background with the XYZ color 16.5681, 14.2383, 19.0146.



This preview shows how white text looks on a background with the XYZ color 16.5681, 14.2383,

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

16.5681, 14.2383, 19.0146

Protanopia

14.1692, 14.3832, 21.0982

Deuteranopia

14.6167, 14.3644, 18.8318



Tritanopia

15.7266, 14.1585, 15.2686

Trichromacy



Original Color

16.5681, 14.2383, 19.0146

Protanomaly

14.8486, 14.1572, 20.3624

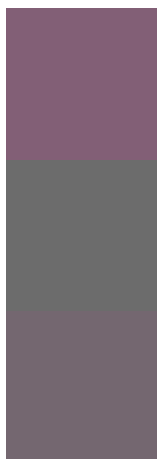
Deuteranomaly

15.2393, 14.2502, 18.7770

Tritanomaly

16.0506, 14.1587, 16.6388

Monochromacy



Original Color

16.5681, 14.2383, 19.0146

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.9773, 14.5834, 17.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5681, 14.2383, 19.0146 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(130, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 95, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.5681, 14.2383, 19.0146 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(130, 95, 118) }
```


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

```
.border{ border-color:rgb(130, 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(130, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(130, 95,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5681, 14.2383, 19.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 95, 118) }
```

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

```
.background{ background-color: rgb(130, 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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