

Converting Colors

XYZ(18.8895, 14.3255, 18.8436)

Have a look what the booklet for
XYZ(18.8895, 14.3255, 18.8436)
contains.

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Color

**XYZ(18.8105, 14.2595,
18.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	945676
RGB	148, 86, 118
RGB Percent	58%, 34%, 46%
CMY	0.4196, 0.6627, 0.5373
CMYK	0.00, 0.42, 0.20, 0.42
HSL	329°, 26%, 46%
HSV	329°, 42%, 58%
XYZ	18.8105, 14.2595, 18.9005
YIQ	108.1860, 26.6800, 23.0960

Conversions

Conversions Part 2

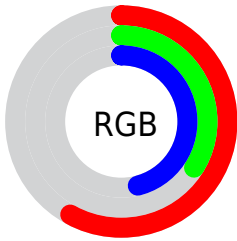
Format	Color
R _Y B	148, 86, 118
Decimal	9721462
CIE Lab	44.60, 30.16, -7.08
CIE LCh	45, 30.979, 346.791
Yxy	14.2595, 0.3619, 0.2744
Android (android.graphics.Color)	4287911542 (0xFF945676)
YUV	108.1860, 4.8383, 34.9169
Hunter-Lab	37.7618, 22.8343, -3.2426

Details

The XYZ color **18.8105, 14.2595, 18.9005** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5806, 24.4195, 20.3109**, and the grayscale version is **14.2881, 15.0322, 16.3700**.

A 20% lighter version of the original color is **40.8300, 33.4901, 42.3425**, and **6.6225, 4.3152, 6.2782** is the 20% darker color. If you saturate the color by 10%, you get **17.3394, 11.9726, 16.3895**, and if you desaturate by 10%, it is **20.5595, 17.0501, 21.6638**.

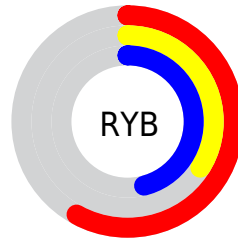
Distribution



Red (58%)

Green (34%)

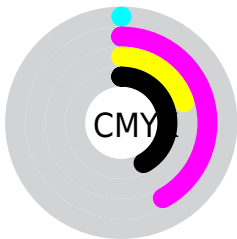
Blue (46%)



Red (58%)

Yellow (34%)

Blue (46%)

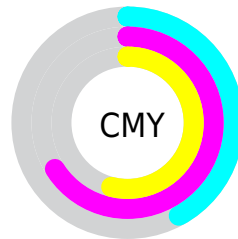


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8105, 14.2595, 18.9005 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 18.8105, 14.2595, 18.9005 by changing the saturation by 10% instead.

■ 18.8105, 14.2595,
18.9005

■ 18.8105, 14.2595,
18.9005

238.3589,
218.8393, 258.3033

■ 11.6366, 8.3014,
11.4223

■ 40.9330, 33.5488,
42.4004

■ 6.5672, 4.2884,
6.2339

■ 56.6123, 47.6487,
59.2591

■ 3.2368, 1.8362,
2.9168

■ 75.8575, 65.2313,
80.0818

■ 1.2802, 0.5096,
1.0523

■ 99.0339, 86.6811,
105.2870

■ 0.1683, 0.0000,
0.0000

■ 126.5069,
112.3824, 135.2932

■ 0.0000, 0.0000,
0.0000

158.6418,

142.7196, 170.5189

195.8040,
178.0771, 211.3828

■ 18.8105, 14.2595,
18.9005

■ 18.8105, 14.2595,
18.9005

■ 17.3394, 11.9726,
16.3895

■ 20.5595, 17.0501,
21.6638

■ 16.1289, 10.1565,
14.1213

■ 22.5997, 20.3705,
24.6869

■ 15.1619, 8.7780,
12.0864


■ 24.9450, 24.2472,
27.9779


■ 14.4183, 7.7981,
10.2746


■ 27.6082, 28.7047,
31.5443


■ 13.8746, 7.1711,
8.6740


■ 30.6011, 33.7657,
35.3930

 13.5306, 6.8231,
7.5115

 33.9350, 39.4519,
39.5309

 37.6208, 45.7837,
43.9646

 41.6686, 52.7807,
48.7003

 46.0882, 60.4618,
53.7442

Harmonies

Analogous

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



17.3803, 14.2595, 27.0305



18.8105, 14.2595, 18.9005



18.7136, 14.2595, 11.8688

Triad

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



18.8105, 14.2595, 18.9005



12.2075, 14.2595, 5.7028



10.5126, 14.2595, 27.9233

Complementary

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



18.8105, 14.2595, 18.9005



17.5806, 24.4195, 20.3109

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.



9.4411, 14.2595, 19.8669



18.8105, 14.2595, 18.9005



10.3337, 14.2595, 7.8605

Square

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



18.8105, 14.2595, 18.9005



14.6852, 14.2595, 5.5890



9.3800, 14.2595, 12.5794



12.4809, 14.2595, 33.2246

Rectangle

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



18.8105, 14.2595, 18.9005



17.7932, 14.2595, 8.6372



9.3800, 14.2595, 12.5794



10.0468, 14.2595, 25.3522

Sweetspot

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



18.8109, 14.2602, 18.9008



43.4144, 41.7859, 48.5414



15.8717, 12.5052, 29.5942



9.7110, 9.2078, 10.8044



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.8109, 14.2602, 18.9008



30.8066, 21.4499, 29.2956



17.2627, 13.6409, 10.7480



5.9183, 5.8624, 6.6757



11.5712, 5.8335, 6.4888



0.1565, 0.0774, 0.1579

Inverse Universe

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



18.8109, 14.2602, 18.9008



30.8066, 21.4499, 29.2956



19.6919, 25.2640, 31.4286



5.9183, 5.8624, 6.6757



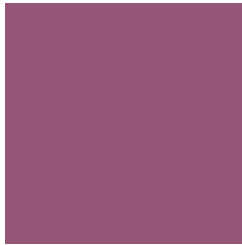
11.5712, 5.8335, 6.4888



0.1565, 0.0774, 0.1579

Previews

White Background



This preview shows how the XYZ color 18.8105, 14.2595, 18.9005 looks on a white background.

Color Contrast Check

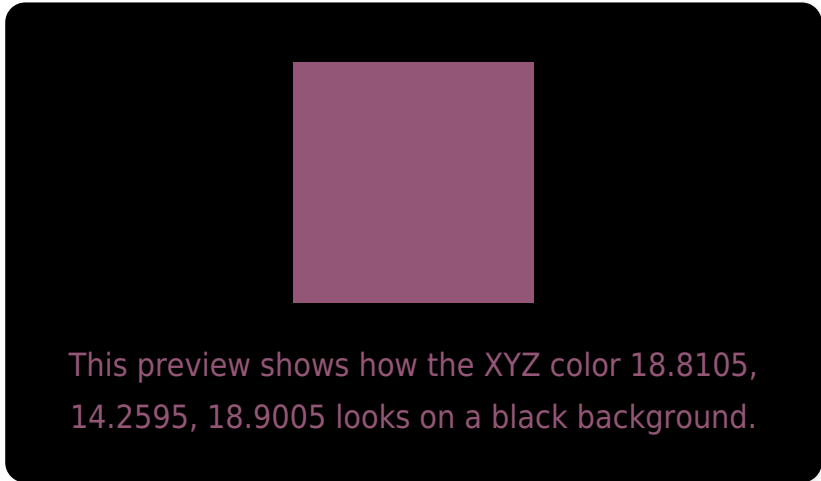
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

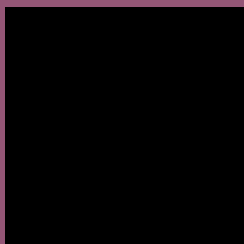
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.8105, 14.2595, 18.9005

Background



This preview shows how black text looks on a background with the XYZ color 18.8105, 14.2595, 18.9005.



This preview shows how white text looks on a background with the XYZ color 18.8105, 14.2595,

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

18.8105, 14.2595, 18.9005

Protanopia

14.3364, 14.4242, 23.1476

Deuteranopia

14.6269, 14.3830, 18.2249



Tritanopia

17.6679, 14.2864, 13.1356

Trichromacy



Original Color

18.8105, 14.2595, 18.9005

Protanomaly

15.4697, 14.0236, 21.6302

Deuteranomaly

15.8845, 14.1703, 18.4209

Tritanomaly

18.1548, 14.3677, 15.1810

Monochromacy



Original Color

18.8105, 14.2595, 18.9005

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.6502, 14.4951, 17.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8105, 14.2595, 18.9005 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(148, 86, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 86, 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(148, 86, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 86, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.8105, 14.2595, 18.9005 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(148, 86, 118) }
```


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

```
.border{ border-color:rgb(148, 86, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 86, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 86, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 86, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 86,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8105, 14.2595, 18.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 86, 118) }
```

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

```
.background{ background-color: rgb(148, 86,  
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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