

Converting Colors

XYZ(18.3709, 14.0624, 19.1302)

Have a look what the booklet for
XYZ(18.3709, 14.0624, 19.1302)
contains.

XYZ(18.3346, 14.0072, 19.1901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.3346, 14.0072,
19.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	915677
RGB	145, 86, 119
RGB Percent	57%, 34%, 47%
CMY	0.4314, 0.6627, 0.5333
CMYK	0.00, 0.41, 0.18, 0.43
HSL	326°, 26%, 45%
HSV	326°, 41%, 57%
XYZ	18.3346, 14.0072, 19.1901
YIQ	107.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

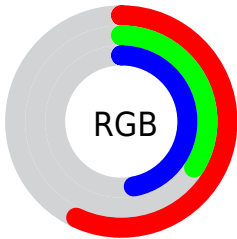
Format	Color
R_{YB}	145, 86, 119
Decimal	9524855
CIE Lab	44.24, 29.23, -8.27
CIE LCh	44, 30.377, 344.210
Yxy	14.0072, 0.3558, 0.2718
Android (android.graphics.Color)	4287714935 (0xFF915677)
YUV	107.4030, 5.7173, 32.9726
Hunter-Lab	37.4262, 21.9490, -4.2023

Details

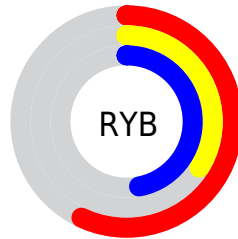
The XYZ color **18.3346, 14.0072, 19.1901** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8884, 23.3995, 18.9567**, and the grayscale version is **14.0672, 14.7998, 16.1170**.

A 20% lighter version of the original color is **40.1158, 33.1110, 42.8048**, and **6.3446, 4.1683, 6.4314** is the 20% darker color. If you saturate the color by 10%, you get **16.9213, 11.7741, 16.8888**, and if you desaturate by 10%, it is **20.0094, 16.7217, 21.7062**.

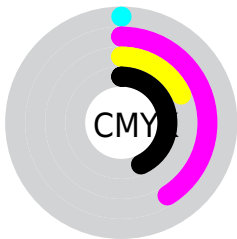
Distribution



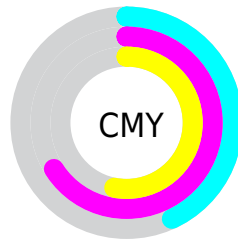
- Red (57%)
- Green (34%)
- Blue (47%)



- Red (57%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3346, 14.0072, 19.1901 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 18.3346, 14.0072, 19.1901 by changing the saturation by 10% instead.

■ 18.3346, 14.0072,
19.1901

■ 18.3346, 14.0072,
19.1901

235.7596,
217.2756, 259.9538

■ 11.2916, 8.1257,
11.6295

■ 40.1323, 33.1018,
42.8960

■ 6.3321, 4.1755,
6.3725

■ 55.6177, 47.0837,
59.8785

■ 3.0906, 1.7722,
3.0004

■ 74.6480, 64.5344,
80.8386

■ 1.2019, 0.4698,
1.0949

■ 97.5884, 85.8385,
106.1950

■ 0.1078, 0.0000,
0.0000

■ 124.8045,
111.3803, 136.3662

■ 0.0000, 0.0000,
0.0000

156.6615,

141.5441, 171.7707

193.5247,
176.7144, 212.8271

■ 18.3346, 14.0072,
19.1901

■ 18.3346, 14.0072,
19.1901

■ 16.9213, 11.7741,
16.8888

■ 20.0094, 16.7217,
21.7062

■ 15.7534, 9.9916,
14.7941

■ 21.9582, 19.9420,
24.4431

■ 14.8151, 8.6285,
12.8982

■ 24.1937, 23.6933,
27.4078

■ 14.0878, 7.6486,
11.1922

■ 26.7280, 27.9983,
30.6065

■ 13.5499, 7.0096,
9.6663

■ 29.5721, 32.8785,
34.0450

■ 13.1660, 6.6153,
8.3870

■ 32.7364, 38.3544,
37.7291

■ 36.2312, 44.4453,
41.6642

■ 40.0658, 51.1696,
45.8557

■ 44.2496, 58.5451,
50.3085

Harmonies

Analogous

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



16.8444, 14.0072, 26.9942



18.3346, 14.0072, 19.1901



18.3759, 14.0072, 12.1968

Triad

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



18.3346, 14.0072, 19.1901



12.1991, 14.0072, 5.6097



10.2373, 14.0072, 26.6143

Complementary

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



18.3346, 14.0072, 19.1901



16.8884, 23.3995, 18.9567

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.



9.2783, 14.0072, 18.7778



18.3346, 14.0072, 19.1901



10.3140, 14.0072, 7.5301

Square

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



18.3346, 14.0072, 19.1901



14.6257, 14.0072, 5.6589



9.3045, 14.0072, 11.8924



12.0821, 14.0072, 32.0915

Rectangle

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



18.3346, 14.0072, 19.1901



17.5633, 14.0072, 8.8973



9.3045, 14.0072, 11.8924



9.8112, 14.0072, 24.0797

Sweetspot

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



18.3350, 14.0079, 19.1904



42.6668, 41.3167, 48.2261



15.0663, 12.1170, 28.3330



9.3884, 9.0174, 10.5935



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.



18.3350, 14.0079, 19.1904



30.4579, 21.3261, 30.5080



16.8480, 13.4130, 11.3597



5.5272, 5.4714, 6.2743



11.3061, 5.6795, 7.2633



0.1192, 0.0587, 0.1279

Inverse Universe

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



18.3350, 14.0079, 19.1904



30.4579, 21.3261, 30.5080



18.7763, 24.1546, 28.8983



5.5272, 5.4714, 6.2743



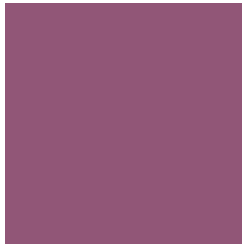
11.3061, 5.6795, 7.2633



0.1192, 0.0587, 0.1279

Previews

White Background



This preview shows how the XYZ color 18.3346, 14.0072, 19.1901 looks on a white background.

Color Contrast Check

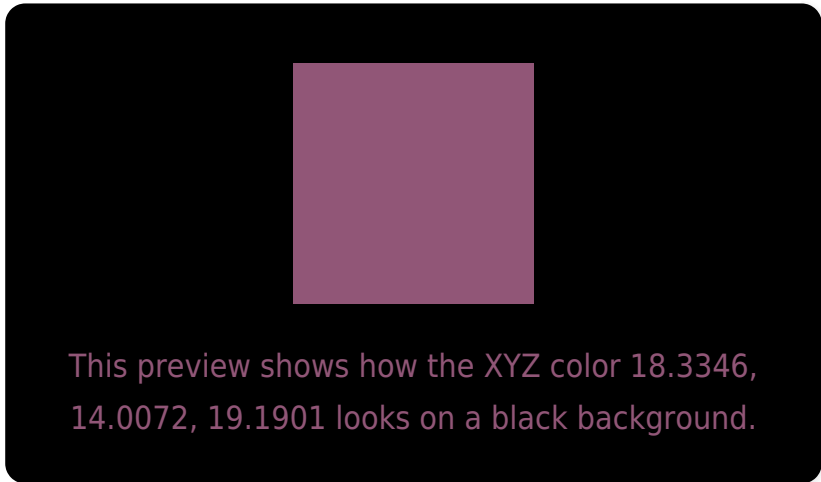
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3346, 14.0072, 19.1901

Background



This preview shows how black text looks on a background with the XYZ color 18.3346, 14.0072, 19.1901.



This preview shows how white text looks on a background with the XYZ color 18.3346, 14.0072,

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

18.3346, 14.0072, 19.1901

Protanopia

14.1926, 14.1920, 23.4640

Deuteranopia

14.3342, 14.0787, 18.4850



Tritanopia

17.1415, 14.0150, 13.1110

Trichromacy



Original Color

18.3346, 14.0072, 19.1901

Protanomaly

15.3079, 13.7947, 21.9345

Deuteranomaly

15.5621, 13.8611, 18.6849

Tritanomaly

17.6238, 14.0940, 15.1561

Monochromacy



Original Color

18.3346, 14.0072, 19.1901

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.2162, 14.1363, 16.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3346, 14.0072, 19.1901 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(145, 86, 119)` looks like.

```
.text, #text, p{  
    color:rgb(145, 86, 119)  
}
```

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(145, 86, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 86, 119) }
```

Border

The CSS property to change the border of an element to XYZ 18.3346, 14.0072, 19.1901 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(145, 86, 119) }
```


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

```
.border{ border-color:rgb(145, 86, 119) }
```

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

Here you see how a box with a 4 pixel rgb(145, 86, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 86, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 86, 119);  
box-shadow:4px 4px 4px 4px rgb(145, 86,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3346, 14.0072, 19.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 86, 119) }
```

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

```
.background{ background-color: rgb(145, 86,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor