

Converting Colors

XYZ(17.1595, 13.4898, 19.2047)

Have a look what the booklet for
XYZ(17.1595, 13.4898, 19.2047)
contains.

XYZ(17.2192, 13.5516, 19.1609) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(17.2192, 13.5516,
19.1609)**

Conversions

Conversions Part 1	
Format	Color
Hex	8A5777
RGB	138, 87, 119
RGB Percent	54%, 34%, 47%
CMY	0.4588, 0.6588, 0.5333
CMYK	0.00, 0.37, 0.14, 0.46
HSL	322°, 23%, 44%
HSV	322°, 37%, 54%
XYZ	17.2192, 13.5516, 19.1609
YIQ	105.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

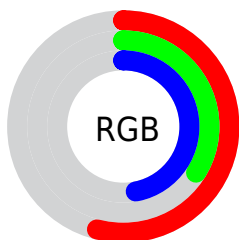
Format	Color
RYB	138, 87, 119
Decimal	9066359
CIELab	43.58, 26.10, -9.35
CIELCh	44, 27.719, 340.292
Yxy	13.5516, 0.3449, 0.2714
Android (android.graphics.Color)	4287256439 (0xFF8A5777)
YUV	105.8970, 6.4598, 28.1543
Hunter-Lab	36.8125, 19.0723, -5.0917

Details

The XYZ color **17.2192, 13.5516, 19.1609** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.6211, 21.2442, 16.9139**, and the grayscale version is **13.6508, 14.3617, 15.6399**.

A 20% lighter version of the original color is **38.1774, 32.3237, 42.7550**, and **5.8266, 3.9988, 6.4260** is the 20% darker color. If you saturate the color by 10%, you get **15.9065, 11.4069, 17.2409**, and if you desaturate by 10%, it is **18.7630, 16.1314, 21.2407**.

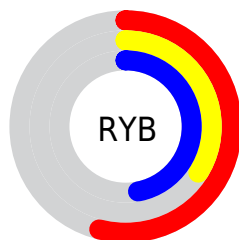
Distribution



Red (54%)

Green (34%)

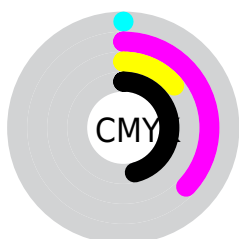
Blue (47%)



Red (54%)

Yellow (34%)

Blue (47%)

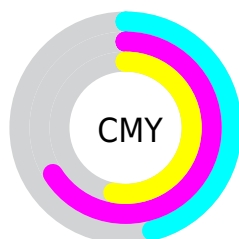


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (46%)



Cyan (46%)


Magenta (66%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2192, 13.5516, 19.1609 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 17.2192, 13.5516, 19.1609 by changing the saturation by 10% instead.


 17.2192, 13.5516,
19.1609


 17.2192, 13.5516,
19.1609


229.5641,
214.4232, 259.7878

 10.4872, 7.8095,
11.6086


 38.2429, 32.2913,
42.8461


 5.7879, 3.9733,
6.3585


 53.2652, 46.0576,
59.8161


 2.7560, 1.6586,
2.9920

 71.7818, 63.2674,
80.7625

 1.0261, 0.3966,
1.0905

 94.1578, 84.3052,
106.1037


 0.0000, 0.0000,
0.0000


 120.7587,
109.5552, 136.2582


151.9498,


139.4020, 171.6448


188.0965,
174.2298, 212.6818

 17.2192, 13.5516,
19.1609


 17.2192, 13.5516,
19.1609


 15.9065, 11.4069,
17.2409


 18.7630, 16.1314,
21.2407


 14.8112, 9.6709,
15.4744

 20.5483, 19.1671,
23.4844


 13.9201, 8.3174,
13.8558

 22.5861, 22.6803,
25.8973


 13.2177, 7.3159,
12.3786


 24.8864, 26.6907,
28.4839

 12.6865, 6.6316,
11.0354


 27.4588, 31.2169,
31.2484


 12.2947, 6.2017,
9.8145

 30.3122, 36.2765,
34.1951

 12.1847, 6.0847,
9.4605

 33.4553, 41.8863,
37.3280

 36.8962, 48.0623,
40.6509

 40.6428, 54.8199,
44.1675

Harmonies

Analogous

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



15.7701, 13.5516, 25.8698



17.2192, 13.5516, 19.1609



17.4351, 13.5516, 12.7225

Triad

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



17.2192, 13.5516, 19.1609



12.1495, 13.5516, 5.8472



9.9539, 13.5516, 23.9059

Complementary

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



17.2192, 13.5516, 19.1609



15.6211, 21.2442, 16.9139

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.



9.1972, 13.5516, 16.9941



17.2192, 13.5516, 19.1609



10.3672, 13.5516, 7.3912

Square

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



17.2192, 13.5516, 19.1609



14.3386, 13.5516, 6.1252



9.3395, 13.5516, 11.0829



11.5245, 13.5516, 29.0985

Rectangle

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



17.2192, 13.5516, 19.1609



16.8276, 13.5516, 9.5133



9.3395, 13.5516, 11.0829



9.6044, 13.5516, 21.6375

Sweetspot

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



17.2196, 13.5522, 19.1612



38.2183, 37.2214, 43.7905



13.9045, 11.6980, 25.5700



8.4801, 8.1898, 9.7130



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.2196, 13.5522, 19.1612



28.4722, 20.8084, 31.0493



15.9014, 13.0249, 12.2194



5.1561, 5.0979, 5.9106



11.1788, 5.5816, 8.7117



0.0814, 0.0399, 0.0953

Inverse Universe

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



17.2196, 13.5522, 19.1612



28.4722, 20.8084, 31.0493



17.1297, 21.8477, 24.8584



5.1561, 5.0979, 5.9106



11.1788, 5.5816, 8.7117



0.0814, 0.0399, 0.0953

Previews

White Background



This preview shows how the XYZ color 17.2192, 13.5516, 19.1609 looks on a white background.

Color Contrast Check

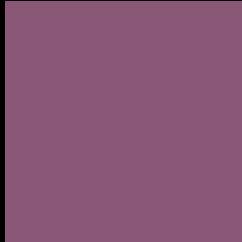
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2192, 13.5516, 19.1609 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 17.2192, 13.5516, 19.1609

Background



This preview shows how black text looks on a background with the XYZ color 17.2192, 13.5516, 19.1609.



This preview shows how white text looks on a background with the XYZ color 17.2192, 13.5516,

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

17.2192, 13.5516, 19.1609

Protanopia

13.6436, 13.6291, 22.6805

Deuteranopia

13.9280, 13.7175, 18.7433



Tritanopia

16.0990, 13.5983, 13.3315

Trichromacy



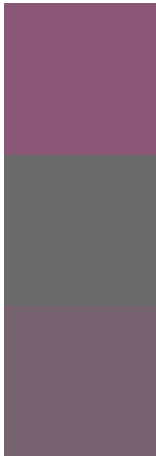
Original Color
17.2192, 13.5516, 19.1609

Protanomaly
14.6585, 13.4748, 21.2303

Deuteranomaly
14.9241, 13.5253, 18.9636

Tritanomaly
16.5742, 13.6713, 15.4009

Monochromacy



Original Color
17.2192, 13.5516, 19.1609

Achromatopsia
13.6994, 14.4128, 15.6956

Achromatomaly
14.8023, 13.9229, 16.9462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2192, 13.5516, 19.1609 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(138, 87, 119) looks like.

```
.text, #text, p{  
    color:rgb(138, 87, 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(138, 87, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 87, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.2192, 13.5516, 19.1609 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(138, 87, 119) }
```


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

```
.border{ border-color:rgb(138, 87, 119) }
```

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

Here you see how a box with a 4 pixel rgb(138, 87, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 87, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 87, 119);  
box-shadow:4px 4px 4px 4px rgb(138, 87,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2192, 13.5516, 19.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 87, 119) }
```

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

```
.background{ background-color: rgb(138, 87,  
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