

Converting Colors

XYZ(16.9096, 13.0480, 17.8225)

Have a look what the booklet for
XYZ(16.9096, 13.0480, 17.8225)
contains.

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Color

**XYZ(16.9123, 13.0674,
17.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5473
RGB	139, 84, 115
RGB Percent	55%, 33%, 45%
CMY	0.4549, 0.6706, 0.5490
CMYK	0.00, 0.40, 0.17, 0.45
HSL	326°, 25%, 44%
HSV	326°, 40%, 55%
XYZ	16.9123, 13.0674, 17.8505
YIQ	103.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

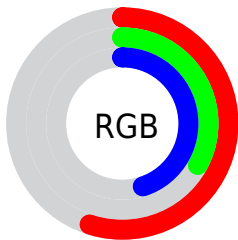
Format	Color
R_{YB}	139, 84, 115
Decimal	9131123
CIE Lab	42.86, 27.50, -7.97
CIE LCh	43, 28.633, 343.837
Yxy	13.0674, 0.3536, 0.2732
Android (android.graphics.Color)	4287321203 (0xFF8B5473)
YUV	103.9790, 5.4334, 30.7134
Hunter-Lab	36.1489, 20.2510, -3.9735

Details

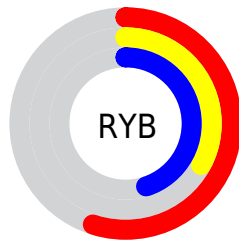
The XYZ color **16.9123, 13.0674, 17.8505** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.5961, 21.4332, 17.5034**, and the grayscale version is **13.1345, 13.8185, 15.0483**.

A 20% lighter version of the original color is **37.8872, 31.5873, 40.6593**, and **5.6052, 3.7546, 5.7395** is the 20% darker color. If you saturate the color by 10%, you get **15.6010, 10.9850, 15.7476**, and if you desaturate by 10%, it is **18.4615, 15.5884, 20.1463**.

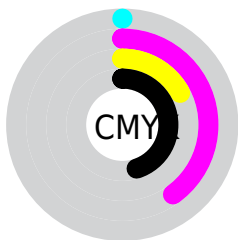
Distribution



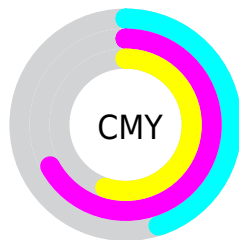
- Red (55%)
- Green (33%)
- Blue (45%)



- Red (55%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9123, 13.0674, 17.8505 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 16.9123, 13.0674, 17.8505 by changing the saturation by 10% instead.

16.9123, 13.0674,
17.8505

16.9123, 13.0674,
17.8505

227.8326,
211.3492, 252.2348

10.2669, 7.4750,
10.6744

37.7197, 31.4248,
40.5929

5.6399, 3.7609,
5.7369

52.6125, 44.9586,
56.9963

2.6659, 1.5407,
2.6196

70.9850, 61.9083,
77.3125

0.9797, 0.3171,
0.9025

93.2028, 82.6583,
101.9600

0.0000, 0.0000,
0.0000

119.6310,
107.5930, 131.3575

150.6352,

137.0968, 165.9234

186.5806,
171.5540, 206.0763

■ 16.9123, 13.0674,
17.8505

■ 16.9123, 13.0674,
17.8505

■ 15.6010, 10.9850,
15.7476

■ 18.4615, 15.5884,
20.1463

■ 14.5132, 9.3138,
13.8303

■ 20.2595, 18.5698,
22.6404

■ 13.6348, 8.0259,
12.0917

■ 22.3179, 22.0340,
25.3388

■ 12.9494, 7.0896,
10.5241

■ 24.6473, 26.0014,
28.2470

■ 12.4381, 6.4675,
9.1188

■ 27.2577, 30.4912,
31.3703

■ 12.0511, 6.0609,
7.8568

■ 30.1585, 35.5219,
34.7137

■ 12.0350, 6.0440,
7.8045

■ 33.3586, 41.1106,
38.2821

■ 36.8666, 47.2739,
42.0802

■ 40.6908, 54.0279,
46.1124

Harmonies

Analogous

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



15.5660, 13.0674, 24.8018



16.9123, 13.0674, 17.8505



16.9666, 13.0674, 11.5381

Triad

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



16.9123, 13.0674, 17.8505



11.4414, 13.0674, 5.4460



9.6274, 13.0674, 24.3046

Complementary

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



16.9123, 13.0674, 17.8505



15.5961, 21.4332, 17.5034

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.



8.7684, 13.0674, 17.3069



16.9123, 13.0674, 17.8505



9.7296, 13.0674, 7.1897

Square

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



16.9123, 13.0674, 17.8505



13.6278, 13.0674, 5.5130



8.8035, 13.0674, 11.1324



11.2861, 13.0674, 29.2115

Rectangle

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



16.9123, 13.0674, 17.8505



16.2504, 13.0674, 8.5209



8.8035, 13.0674, 11.1324



9.2447, 13.0674, 22.0422

Sweetspot

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



16.9127, 13.0680, 17.8508



38.9268, 37.6997, 44.0382



13.9952, 11.3831, 25.8859



8.8734, 8.5245, 10.0223



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.9127, 13.0680, 17.8508



28.2743, 20.1987, 28.7605



15.5660, 12.5293, 10.7590



5.1432, 5.0927, 5.8423



10.8708, 5.4584, 7.0897



0.0796, 0.0392, 0.0859

Inverse Universe

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



16.9127, 13.0680, 17.8508



28.2743, 20.1987, 28.7605



17.2859, 22.1091, 26.4016



5.1432, 5.0927, 5.8423



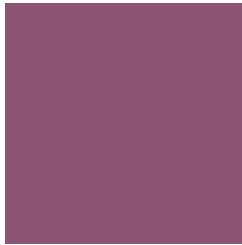
10.8708, 5.4584, 7.0897



0.0796, 0.0392, 0.0859

Previews

White Background



This preview shows how the XYZ color 16.9123, 13.0674, 17.8505 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

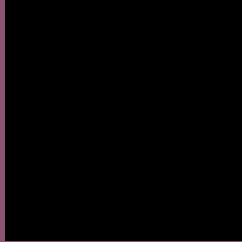
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9123, 13.0674, 17.8505

Background



This preview shows how black text looks on a background with the XYZ color 16.9123, 13.0674, 17.8505.



This preview shows how white text looks on a background with the XYZ color 16.9123, 13.0674,

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

16.9123, 13.0674, 17.8505

Protanopia

13.2434, 13.3005, 21.6079

Deuteranopia

13.4499, 13.2193, 17.1719



Tritanopia

15.8266, 13.1060, 12.2852

Trichromacy



Original Color

16.9123, 13.0674, 17.8505

Protanomaly

14.2872, 13.0343, 20.1752

Deuteranomaly

14.5911, 13.1196, 17.3861

Tritanomaly

16.2877, 13.1790, 14.2557

Monochromacy



Original Color

16.9123, 13.0674, 17.8505

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.3176, 13.4140, 16.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9123, 13.0674, 17.8505 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(139, 84, 115)` looks like.

```
.text, #text, p{  
    color:rgb(139, 84, 115)  
}
```

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(139, 84, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 84, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.9123, 13.0674, 17.8505 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(139, 84, 115) }
```


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

```
.border{ border-color:rgb(139, 84, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 84, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 84, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 84, 115);  
box-shadow:4px 4px 4px 4px rgb(139, 84,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9123, 13.0674, 17.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 84, 115) }
```

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

```
.background{ background-color: rgb(139, 84,  
115) }
```

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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