

Converting Colors

XYZ(17.0609, 13.0229, 18.1375)

Have a look what the booklet for
XYZ(17.0609, 13.0229, 18.1375)
contains.

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Color

**XYZ(17.0609, 13.0229,
18.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5374
RGB	140, 83, 116
RGB Percent	55%, 33%, 45%
CMY	0.4510, 0.6745, 0.5451
CMYK	0.00, 0.41, 0.17, 0.45
HSL	325°, 26%, 44%
HSV	325°, 41%, 55%
XYZ	17.0609, 13.0229, 18.1375
YIQ	103.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

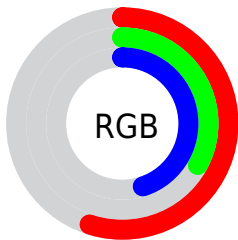
Format	Color
R_{YB}	140, 83, 116
Decimal	9196404
CIE _{Lab}	42.80, 28.61, -8.67
CIE _{LCh}	43, 29.895, 343.143
Yxy	13.0229, 0.3538, 0.2701
Android (android.graphics.Color)	4287386484 (0xFF8C5374)
YUV	103.8050, 6.0121, 31.7430
Hunter-Lab	36.0873, 21.2364, -4.5381

Details

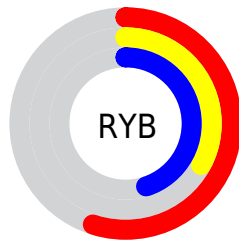
The XYZ color **17.0609, 13.0229, 18.1375** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.5998, 21.6572, 17.2689**, and the grayscale version is **13.0864, 13.7679, 14.9933**.

A 20% lighter version of the original color is **38.0987, 31.4794, 41.1139**, and **5.6988, 3.7538, 5.8930** is the 20% darker color. If you saturate the color by 10%, you get **15.7639, 10.9603, 16.0667**, and if you desaturate by 10%, it is **18.5968, 15.5281, 20.3956**.

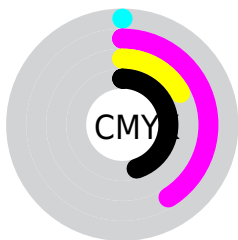
Distribution



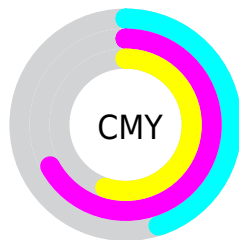
- Red (55%)
- Green (33%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (45%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0609, 13.0229, 18.1375 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 17.0609, 13.0229, 18.1375 by changing the saturation by 10% instead.


 17.0609, 13.0229,
18.1375


 17.0609, 13.0229,
18.1375


228.6725,
211.0644, 253.9070


 10.3735, 7.4443,
10.8783


 37.9732, 31.3449,
41.0886


 5.7114, 3.7415,
5.8719

 52.9288, 44.8571,
57.6175


 2.7094, 1.5300,
2.6998

 71.3713, 61.7827,
78.0735

 1.0020, 0.3097,
0.9433

 93.6658, 82.5060,
102.8750

 0.0000, 0.0000,
0.0000

 120.1778,
107.4114, 132.4405

151.2727,

136.8834, 167.1887

187.3158,
171.3062, 207.5380

■ 17.0609, 13.0229,
18.1375

■ 17.0609, 13.0229,
18.1375

■ 15.7639, 10.9603,
16.0667

■ 18.5968, 15.5281,
20.3956

■ 14.6911, 9.3120,
14.1759

■ 20.3827, 18.4982,
22.8462

■ 13.8279, 8.0494,
12.4584

■ 22.4306, 21.9561,
25.4953

■ 13.1576, 7.1396,
10.9064

■ 24.7513, 25.9229,
28.3483

■ 12.6603, 6.5438,
9.5113

■ 27.3548, 30.4183,
31.4105

■ 12.3024, 6.1704,
8.3370

■ 30.2509, 35.4608,
34.6866

■ 33.4486, 41.0683,
38.1816

■ 36.9567, 47.2576,
41.8999

■ 40.7835, 54.0451,
45.8460

Harmonies

Analogous

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



15.6212, 13.0229, 25.4437



17.0609, 13.0229, 18.1375



17.1521, 13.0229, 11.5144

Triad

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



17.0609, 13.0229, 18.1375



11.4084, 13.0229, 5.1360



9.4490, 13.0229, 24.6040

Complementary

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



17.0609, 13.0229, 18.1375



15.5998, 21.6572, 17.2689

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.



8.5836, 13.0229, 17.2276



17.0609, 13.0229, 18.1375



9.6177, 13.0229, 6.8548

Square

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



17.0609, 13.0229, 18.1375



13.6920, 13.0229, 5.2437



8.6413, 13.0229, 10.8441



11.1506, 13.0229, 29.8922

Rectangle

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



17.0609, 13.0229, 18.1375



16.4196, 13.0229, 8.3676



8.6413, 13.0229, 10.8441



9.0606, 13.0229, 22.2033

Sweetspot

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



17.0613, 13.0235, 18.1378



38.9587, 37.7124, 44.2062



13.8609, 11.1910, 26.2408



8.8813, 8.5277, 10.0643



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.



17.0613, 13.0235, 18.1378



27.9348, 19.5466, 28.5639



15.6601, 12.4630, 10.7592



5.1463, 5.0939, 5.8587



10.9411, 5.4866, 7.4602



0.0800, 0.0394, 0.0882

Inverse Universe

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



17.0613, 13.0235, 18.1378



27.9348, 19.5466, 28.5639



17.3366, 22.3519, 26.4150



5.1463, 5.0939, 5.8587



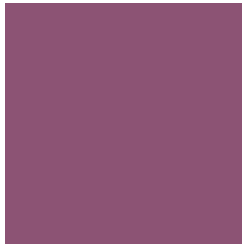
10.9411, 5.4866, 7.4602



0.0800, 0.0394, 0.0882

Previews

White Background



This preview shows how the XYZ color 17.0609, 13.0229, 18.1375 looks on a white background.

Color Contrast Check

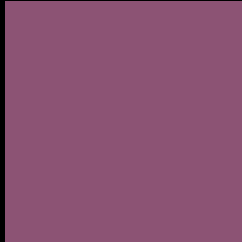
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0609, 13.0229, 18.1375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

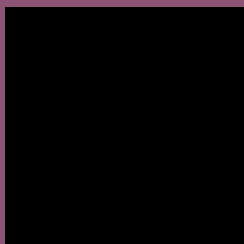
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0609, 13.0229, 18.1375

Background



This preview shows how black text looks on a background with the XYZ color 17.0609, 13.0229, 18.1375.



This preview shows how white text looks on a background with the XYZ color 17.0609, 13.0229,

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

17.0609, 13.0229, 18.1375

Protanopia

13.1728, 13.1058, 22.2575

Deuteranopia

13.3863, 13.1801, 17.4613



Tritanopia

15.9098, 13.0278, 12.2658

Trichromacy



Original Color

17.0609, 13.0229, 18.1375

Protanomaly

14.1963, 12.8402, 20.7990

Deuteranomaly

14.4228, 12.8952, 17.6484

Tritanomaly

16.3735, 13.1039, 14.2367

Monochromacy



Original Color

17.0609, 13.0229, 18.1375

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.2258, 13.2304, 15.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0609, 13.0229, 18.1375 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(140, 83, 116)` looks like.

```
.text, #text, p{  
    color:rgb(140, 83, 116)  
}
```

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(140, 83, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 83, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.0609, 13.0229, 18.1375 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(140, 83, 116) }
```


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

```
.border{ border-color:rgb(140, 83, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 83, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 83, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 83, 116);  
box-shadow:4px 4px 4px 4px rgb(140, 83,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0609, 13.0229, 18.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 83, 116) }
```

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

```
.background{ background-color: rgb(140, 83,  
116) }
```

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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