

Converting Colors

XYZ(17.0677, 12.8839, 14.4192)

Have a look what the booklet for
XYZ(17.0677, 12.8839, 14.4192)
contains.

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Color

**XYZ(17.0677, 12.8839,
14.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	915167
RGB	145, 81, 103
RGB Percent	57%, 32%, 40%
CMY	0.4314, 0.6823, 0.5961
CMYK	0.00, 0.44, 0.29, 0.43
HSL	339°, 28%, 44%
HSV	339°, 44%, 57%
XYZ	17.0677, 12.8839, 14.4192
YIQ	102.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

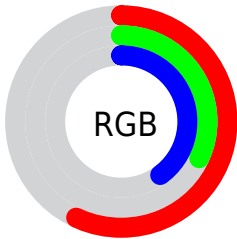
Format	Color
R_{YB}	145, 81, 103
Decimal	9523559
CIE Lab	42.59, 29.55, -0.93
CIE LCh	43, 29.567, 358.199
Yxy	12.8839, 0.3847, 0.2904
Android (android.graphics.Color)	4287713639 (0xFF915167)
YUV	102.6440, 0.1755, 37.1462
Hunter-Lab	35.8941, 22.0621, 1.3083

Details

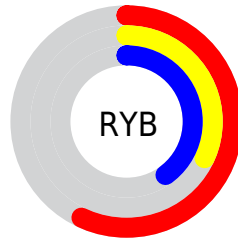
The XYZ color **17.0677, 12.8839, 14.4192** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0946, 23.4306, 22.3618**, and the grayscale version is **12.7924, 13.4586, 14.6564**.

A 20% lighter version of the original color is **37.9034, 31.1150, 34.5799**, and **5.6713, 3.6485, 4.1467** is the 20% darker color. If you saturate the color by 10%, you get **15.6522, 10.7743, 11.7234**, and if you desaturate by 10%, it is **18.7684, 15.4767, 17.4786**.

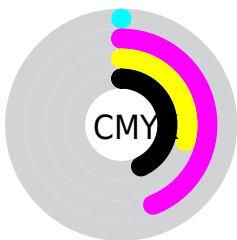
Distribution



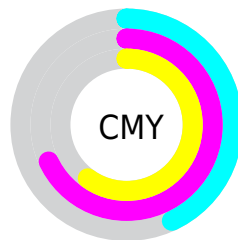
- Red (57%)
- Green (32%)
- Blue (40%)



- Red (57%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (43%)





- Cyan (43%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0677, 12.8839, 14.4192 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 17.0677, 12.8839, 14.4192 by changing the saturation by 10% instead.


 17.0677, 12.8839,
14.4192


 17.0677, 12.8839,
14.4192


228.7109,
210.1723, 231.3417


 10.3784, 7.3486,
8.2707


 37.9848, 31.0950,
34.5588


 5.7147, 3.6811,
4.1784

 52.9433, 44.5397,
49.3870


 2.7114, 1.4968,
1.7237

 71.3889, 61.3897,
67.9455

 1.0031, 0.2865,
0.3769

 93.6870, 82.0293,
90.6528

 0.0000, 0.0000,
0.0000

 120.2028,
106.8430, 117.9276

151.3019,

136.2151, 150.1883

187.3494,
170.5301, 187.8535

■ 17.0677, 12.8839,
14.4192

■ 17.0677, 12.8839,
14.4192

■ 15.6522, 10.7743,
11.7234

■ 18.7684, 15.4767,
17.4786

■ 14.5043, 9.1157,
9.3760

■ 20.7684, 18.5785,
20.9144

■ 13.6058, 7.8750,
7.3616

■ 23.0822, 22.2154,
24.7398


■ 12.9359, 7.0136,
5.6632


■ 25.7229, 26.4113,
28.9669


■ 12.4691, 6.4843,
4.2618


■ 28.7030, 31.1885,
33.6074

 12.2494, 6.2487,
3.5599

 32.0343, 36.5681,
38.6725

 35.7278, 42.5703,
44.1728

 39.7942, 49.2142,
50.1187

 44.2439, 56.5181,
56.5202

Harmonies

Analogous

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



16.2772, 12.8839, 21.5729



17.0677, 12.8839, 14.4192



16.4412, 12.8839, 8.9754

Triad

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



17.0677, 12.8839, 14.4192



10.3236, 12.8839, 5.7316



10.1160, 12.8839, 27.3182

Complementary

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



17.0677, 12.8839, 14.4192



17.0946, 23.4306, 22.3618

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.



8.8326, 12.8839, 20.6915



17.0677, 12.8839, 14.4192



8.9418, 12.8839, 8.4866

Square

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



17.0677, 12.8839, 14.4192



12.3815, 12.8839, 4.9667



8.4301, 12.8839, 13.6447



12.1110, 12.8839, 30.2945

Rectangle

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



17.0677, 12.8839, 14.4192



15.3424, 12.8839, 6.7033



8.4301, 12.8839, 13.6447



9.5966, 12.8839, 25.3609

Sweetspot

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



17.0681, 12.8845, 14.4195



41.7219, 40.3936, 44.9306



16.1651, 12.1115, 28.2740



9.0840, 8.6740, 9.6742



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.



17.0681, 12.8845, 14.4195



28.0376, 19.3053, 21.0085



16.8698, 14.0285, 9.6040



5.4806, 5.4528, 6.0290



10.5179, 5.3642, 3.1128



0.1102, 0.0551, 0.0803

Inverse Universe

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



17.0681, 12.8845, 14.4195



28.0376, 19.3053, 21.0085



17.2246, 21.2339, 29.9789



5.4806, 5.4528, 6.0290



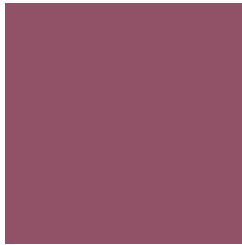
10.5179, 5.3642, 3.1128



0.1102, 0.0551, 0.0803

Previews

White Background



This preview shows how the XYZ color 17.0677, 12.8839, 14.4192 looks on a white background.

Color Contrast Check

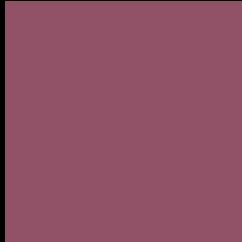
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0677, 12.8839, 14.4192 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 17.0677, 12.8839, 14.4192

Background



This preview shows how black text looks on a background with the XYZ color 17.0677, 12.8839, 14.4192.



This preview shows how white text looks on a background with the XYZ color 17.0677, 12.8839,

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

17.0677, 12.8839, 14.4192

Protanopia

12.7973, 13.0048, 18.0553

Deuteranopia

13.2235, 13.0350, 13.8756



Tritanopia

16.4403, 12.8540, 11.2874

Trichromacy



Original Color

17.0677, 12.8839, 14.4192

Protanomaly

13.9861, 12.6894, 16.7511

Deuteranomaly

14.3445, 12.8048, 14.0275

Tritanomaly

16.5845, 12.7901, 12.4211

Monochromacy



Original Color

17.0677, 12.8839, 14.4192

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0116, 13.0152, 14.6057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0677, 12.8839, 14.4192 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, 81, 103)` looks like.

```
.text, #text, p{  
    color:rgb(145, 81, 103)  
}
```

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, 81, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 81, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.0677, 12.8839, 14.4192 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, 81, 103) }
```


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

```
.border{ border-color:rgb(145, 81, 103) }
```

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

Here you see how a box with a 4 pixel rgb(145, 81, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 81, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 81, 103);  
box-shadow:4px 4px 4px 4px rgb(145, 81,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0677, 12.8839, 14.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 81, 103) }
```

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

```
.background{ background-color: rgb(145, 81,  
103) }
```

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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