

Converting Colors

XYZ(14.0433, 8.8906, 15.1526)

Have a look what the booklet for
XYZ(14.0433, 8.8906, 15.1526)
contains.

XYZ(14.0176, 8.8719, 15.1610)	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(14.0176, 8.8719,
15.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	87366C
RGB	135, 54, 108
RGB Percent	53%, 21%, 42%
CMY	0.4706, 0.7882, 0.5765
CMYK	0.00, 0.60, 0.20, 0.47
HSL	320°, 43%, 37%
HSV	320°, 60%, 53%
XYZ	14.0176, 8.8719, 15.1610
YIQ	84.3750, 30.9420, 33.9660

Conversions

Conversions Part 2

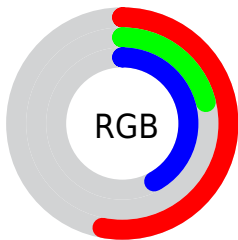
Format	Color
RYB	135, 54, 108
Decimal	8861292
CIELab	35.74, 41.17, -14.46
CIELCh	36, 43.633, 340.645
Yxy	8.8719, 0.3684, 0.2332
Android (android.graphics.Color)	4287051372 (0xFF87366C)
YUV	84.3750, 11.6471, 44.3981
Hunter-Lab	29.7857, 31.8797, -9.3287

Details

The XYZ color **14.0176, 8.8719, 15.1610** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **11.6709, 18.7066, 10.7809**, and the grayscale version is **8.4768, 8.9183, 9.7120**.

A 20% lighter version of the original color is **32.6319, 23.5884, 36.0908**, and **4.2953, 2.1201, 4.4578** is the 20% darker color. If you saturate the color by 10%, you get **13.2410, 7.6920, 13.7508**, and if you desaturate by 10%, it is **14.9816, 10.4064, 16.6948**.

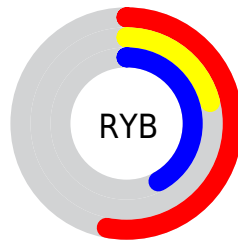
Distribution



Red (53%)

Green (21%)

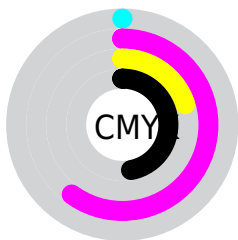
Blue (42%)



Red (53%)

Yellow (21%)

Blue (42%)

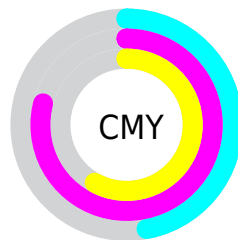


Cyan (0%)

Magenta (60%)

Yellow (20%)

Black (47%)



Cyan (47%)

Magenta (79%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0176, 8.8719, 15.1610 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 14.0176, 8.8719, 15.1610 by changing the saturation by 10% instead.

14.0176, 8.8719,
15.1610

14.0176, 8.8719,
15.1610

210.8487,
182.4194, 236.0129

8.2147, 4.6577,
8.7846

32.7063, 23.6508,
35.8817

4.2856, 2.0479,
4.5060

46.3227, 34.9843,
51.0630

1.8649, 0.6351,
1.9069

63.2744, 49.4598,
70.0164

0.5563, 0.0000,
0.4971

83.9267, 67.4615,
93.1603

0.0000, 0.0000,
0.0000

108.6449, 89.3740,
120.9134

137.7944,

115.5815, 153.6942

171.7405,
146.4685, 191.9212

■ 14.0176, 8.8719,
15.1610

■ 14.0176, 8.8719,
15.1610

■ 13.2410, 7.6920,
13.7508

■ 14.9816, 10.4064,
16.6948

■ 12.6359, 6.8358,
12.4578

■ 16.1454, 12.3207,
18.3571

■ 12.1851, 6.2690,
11.2754

■ 17.5214, 14.6391,
20.1528

■ 11.8372, 5.8892,
10.1856

■ 19.1207, 17.3833,
22.0866

■ 11.8371, 5.8891,
10.1853

■ 20.9535, 20.5737,
24.1627

■ 23.0296, 24.2293,
26.3852

■ 25.3579, 28.3680,
28.7579

■ 27.9470, 33.0067,
31.2843

■ 30.8052, 38.1616,
33.9682

Harmonies

Analogous

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



12.0849, 8.8719, 24.9020



14.0176, 8.8719, 15.1610



14.2924, 8.8719, 7.2710

Triad

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



14.0176, 8.8719, 15.1610



7.5508, 8.8719, 1.3525



5.2068, 8.8719, 22.1480

Complementary

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



14.0176, 8.8719, 15.1610



11.6709, 18.7066, 10.7809

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.



4.4434, 8.8719, 12.5222



14.0176, 8.8719, 15.1610



5.6018, 8.8719, 2.4022

Square

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



14.0176, 8.8719, 15.1610



10.1816, 8.8719, 1.5084



4.5715, 8.8719, 5.6823



6.8961, 8.8719, 30.1564

Rectangle

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



14.0176, 8.8719, 15.1610



13.4480, 8.8719, 4.0863



4.5715, 8.8719, 5.6823



4.8506, 8.8719, 18.8367

Sweetspot

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



14.0179, 8.8723, 15.1612



34.7361, 31.9864, 40.1281



9.0861, 6.1374, 23.6276



7.8600, 7.0885, 9.0779



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.



14.0179, 8.8723, 15.1612



23.2862, 13.1567, 23.7642



12.3394, 8.2009, 6.3223



4.7936, 4.7371, 5.5256



10.9216, 5.4330, 9.4253



0.0412, 0.0202, 0.0505

Inverse Universe

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



14.0179, 8.8723, 15.1612



23.2862, 13.1567, 23.7642



13.6676, 19.5052, 21.2952



4.7936, 4.7371, 5.5256



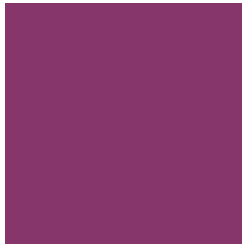
10.9216, 5.4330, 9.4253



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 14.0176, 8.8719, 15.1610 looks on a white background.

Color Contrast Check

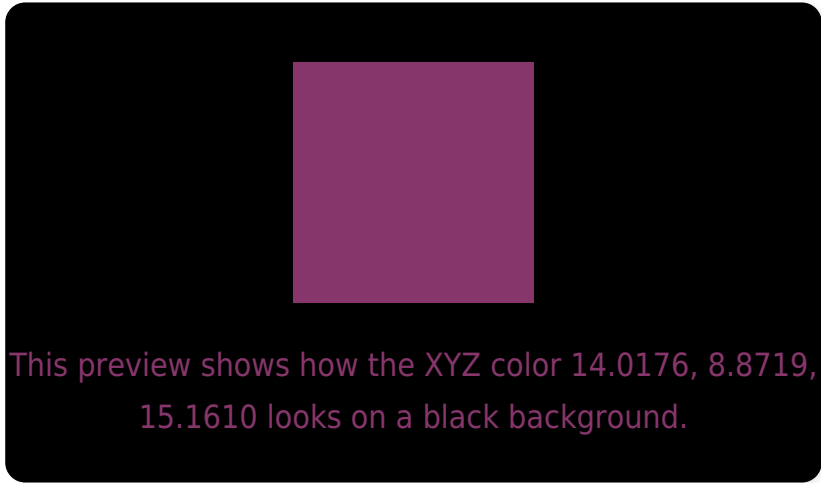
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.0176, 8.8719, 15.1610

Background



This preview shows how black text looks on a background with the XYZ color 14.0176, 8.8719, 15.1610.



This preview shows how white text looks on a background with the XYZ color 14.0176, 8.8719,

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

14.0176, 8.8719, 15.1610

Protanopia

9.5064, 9.0272, 22.3605

Deuteranopia

9.1976, 9.0506, 14.0941



Tritanopia

12.2369, 8.9094, 6.5436

Trichromacy



Original Color

14.0176, 8.8719, 15.1610

Protanomaly

10.2438, 8.3152, 19.4774

Deuteranomaly

10.4607, 8.5382, 14.4613

Tritanomaly

12.6929, 8.7618, 9.2058

Monochromacy



Original Color

14.0176, 8.8719, 15.1610

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.9518, 8.4390, 11.4603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0176, 8.8719, 15.1610 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(135, 54, 108)` looks like.

```
.text, #text, p{  
    color:rgb(135, 54, 108)  
}
```

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(135, 54, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 54, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.0176, 8.8719, 15.1610 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(135, 54, 108) }
```


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

```
.border{ border-color:rgb(135, 54, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 54, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 54, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 54, 108);  
box-shadow:4px 4px 4px 4px rgb(135, 54,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0176, 8.8719, 15.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 54, 108) }
```

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

```
.background{ background-color: rgb(135, 54,  
108) }
```

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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