

Converting Colors

XYZ(18.2258, 14.1756, 21.9490)

Have a look what the booklet for
XYZ(18.2258, 14.1756, 21.9490)
contains.

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Color

**XYZ(18.1357, 14.0872,
21.8419)**

Conversions

Conversions Part 1	
Format	Color
Hex	8C587F
RGB	140, 88, 127
RGB Percent	55%, 35%, 50%
CMY	0.4510, 0.6549, 0.5020
CMYK	0.00, 0.37, 0.09, 0.45
HSL	315°, 23%, 45%
HSV	315°, 37%, 55%
XYZ	18.1357, 14.0872, 21.8419
YIQ	107.9940, 18.4730, 23.1530

Conversions

Conversions Part 2

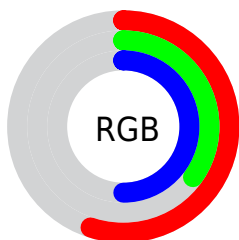
Format	Color
RYB	140, 88, 127
Decimal	9197695
CIELab	44.36, 27.69, -13.01
CIELCh	44, 30.594, 334.829
Yxy	14.0872, 0.3354, 0.2606
Android (android.graphics.Color)	4287387775 (0xFF8C587F)
YUV	107.9940, 9.3700, 28.0693
Hunter-Lab	37.5329, 20.5676, -8.2302

Details

The XYZ color **18.1357, 14.0872, 21.8419** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.7521, 21.7709, 15.6848**, and the grayscale version is **14.2235, 14.9642, 16.2960**.

A 20% lighter version of the original color is **39.7190, 33.2299, 47.5006**, and **6.2879, 4.2598, 7.6985** is the 20% darker color. If you saturate the color by 10%, you get **16.8709, 11.9161, 20.3144**, and if you desaturate by 10%, it is **19.6300, 16.7041, 23.4854**.

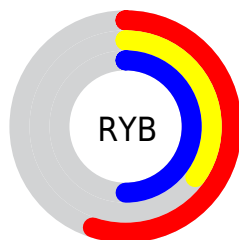
Distribution



Red (55%)

Green (35%)

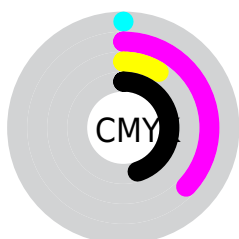
Blue (50%)



Red (55%)

Yellow (35%)

Blue (50%)

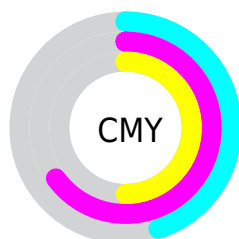


Cyan (0%)

Magenta (37%)

Yellow (9%)

Black (45%)



Cyan (45%)


Magenta (65%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1357, 14.0872, 21.8419 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 18.1357, 14.0872, 21.8419 by changing the saturation by 10% instead.


 18.1357, 14.0872,
21.8419

 18.1357, 14.0872,
21.8419


234.6656,
217.7726, 274.6460


 11.1477, 8.1813,
13.5436


 39.7967, 33.2437,
47.3834


 6.2343, 4.2112,
7.6688


 55.2004, 47.2631,
65.4636


 3.0301, 1.7924,
3.7990


 74.1401, 64.7558,
87.6416

 1.1697, 0.4824,
1.5158

 96.9812, 86.1062,
114.3358

 0.0822, 0.0000,
0.2296

 124.0889,
111.6987, 145.9648


 0.0000, 0.0000,
0.0000


155.8286,


141.9176, 182.9472


192.5657,
177.1475, 225.7014


 18.1357, 14.0872,
21.8419

 18.1357, 14.0872,
21.8419


 16.8709, 11.9161,
20.3144


 19.6300, 16.7041,
23.4854


 15.8215, 10.1636,
18.8972


 21.3643, 19.7884,
25.2481


 14.9740, 8.8024,
17.5856


 23.3499, 23.3623,
27.1346


 14.3125, 7.8009,
16.3740

 25.5970, 27.4463,
29.1484


 13.8190, 7.1231,
15.2559


 28.1153, 32.0595,
31.2933


 13.4602, 6.7030,
14.2198

 30.9140, 37.2202,
33.5727

 13.3650, 6.5954,
13.9327

 34.0019, 42.9457,
35.9897

 37.3871, 49.2525,
38.5476

 41.0778, 56.1567,
41.2494

Harmonies

Analogous

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



16.2725, 14.0872, 29.3388



18.1357, 14.0872, 21.8419



18.6694, 14.0872, 14.2277

Triad

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



18.1357, 14.0872, 21.8419



12.9958, 14.0872, 5.4218



9.8742, 14.0872, 24.4348

Complementary

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



18.1357, 14.0872, 21.8419



15.7521, 21.7709, 15.6848

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.



9.2126, 14.0872, 16.5058



18.1357, 14.0872, 21.8419



10.8688, 14.0872, 6.6981

Square

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



18.1357, 14.0872, 21.8419



15.5007, 14.0872, 6.0638



9.5532, 14.0872, 10.2742



11.4792, 14.0872, 31.1288

Rectangle

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



18.1357, 14.0872, 21.8419



18.1503, 14.0872, 10.3304



9.5532, 14.0872, 10.2742



9.5437, 14.0872, 21.7493

Sweetspot

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



18.1361, 14.0878, 21.8422



39.6797, 38.5040, 46.4517



13.5908, 11.6403, 26.3417



9.0480, 8.7009, 10.6134



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.



18.1361, 14.0878, 21.8422



29.9894, 21.4253, 36.1256



16.6544, 13.4952, 14.0397



5.1813, 5.1080, 6.0433



11.8834, 5.8635, 12.4224



0.0848, 0.0413, 0.1133

Inverse Universe

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



18.1361, 14.0878, 21.8422



29.9894, 21.4253, 36.1256



17.2339, 22.3636, 23.4874



5.1813, 5.1080, 6.0433



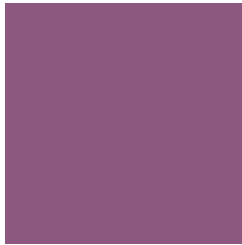
11.8834, 5.8635, 12.4224



0.0848, 0.0413, 0.1133

Previews

White Background



This preview shows how the XYZ color 18.1357, 14.0872, 21.8419 looks on a white background.

Color Contrast Check

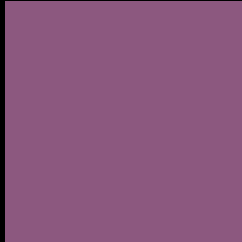
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1357, 14.0872, 21.8419 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 18.1357, 14.0872, 21.8419

Background



This preview shows how black text looks on a background with the XYZ color 18.1357, 14.0872, 21.8419.



This preview shows how white text looks on a background with the XYZ color 18.1357, 14.0872,

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

18.1357, 14.0872, 21.8419

Protanopia

14.3616, 14.2224, 26.0330

Deuteranopia

14.4322, 14.2199, 21.0528



Tritanopia

16.5311, 14.0672, 13.9005

Trichromacy



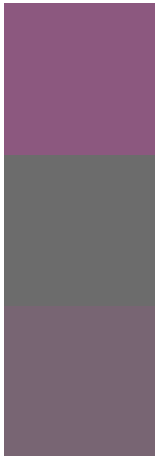
Original Color
18.1357, 14.0872, 21.8419

Protanomaly
15.3529, 13.9013, 24.4283

Deuteranomaly
15.5406, 14.0676, 21.2983

Tritanomaly
17.0368, 14.0112, 16.5584

Monochromacy



Original Color
18.1357, 14.0872, 21.8419

Achromatopsia
14.2537, 14.9960, 16.3306

Achromatomaly
15.4939, 14.5382, 18.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1357, 14.0872, 21.8419 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, 88, 127) looks like.

```
.text, #text, p{  
    color:rgb(140, 88, 127)  
}
```

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, 88, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 88, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.1357, 14.0872, 21.8419 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, 88, 127) }
```


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

```
.border{ border-color:rgb(140, 88, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 88, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 88, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 88, 127);  
box-shadow:4px 4px 4px 4px rgb(140, 88,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1357, 14.0872, 21.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 88, 127) }
```

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

```
.background{ background-color: rgb(140, 88,  
127) }
```

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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