

Converting Colors

XYZ(18.0935, 14.1866, 12.4792)

Have a look what the booklet for
XYZ(18.0935, 14.1866, 12.4792)
contains.

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Color

**XYZ(18.0063, 14.1086,
12.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	96575E
RGB	150, 87, 94
RGB Percent	59%, 34%, 37%
CMY	0.4118, 0.6588, 0.6314
CMYK	0.00, 0.42, 0.37, 0.41
HSL	353°, 27%, 46%
HSV	353°, 42%, 59%
XYZ	18.0063, 14.1086, 12.3639
YIQ	106.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

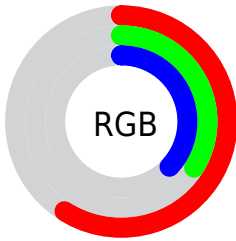
Format	Color
RYB	150, 87, 94
Decimal	9852766
CIELab	44.39, 26.87, 7.27
CIELCh	44, 27.837, 15.136
Yxy	14.1086, 0.4048, 0.3172
Android (android.graphics.Color)	4288042846 (0xFF96575E)
YUV	106.6350, -6.2291, 38.0311
Hunter-Lab	37.5614, 19.8374, 6.7768

Details

The XYZ color **18.0063, 14.1086, 12.3639** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7955, 25.8225, 29.9290**, and the grayscale version is **13.8844, 14.6075, 15.9075**.

A 20% lighter version of the original color is **39.5761, 33.3124, 30.7296**, and **6.2221, 4.2724, 3.2930** is the 20% darker color. If you saturate the color by 10%, you get **16.3681, 11.7084, 9.1165**, and if you desaturate by 10%, it is **20.0010, 17.0562, 16.2405**.

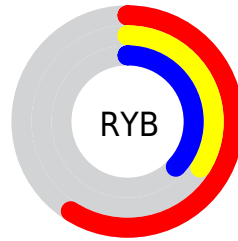
Distribution



Red (59%)

Green (34%)

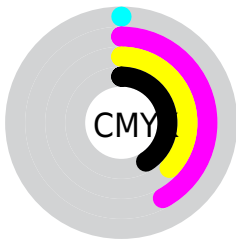
Blue (37%)



Red (59%)

Yellow (34%)

Blue (37%)

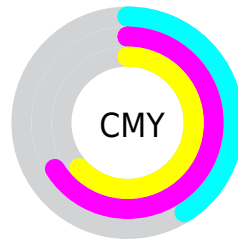


Cyan (0%)

Magenta (42%)

Yellow (37%)

Black (41%)



Cyan (41%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0063, 14.1086, 12.3639 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 18.0063, 14.1086, 12.3639 by changing the saturation by 10% instead.

■ 18.0063, 14.1086,
12.3639

■ 18.0063, 14.1086,
12.3639

233.9514,
217.9054, 217.8625

■ 11.0542, 8.1962,
6.8665

■ 39.5781, 33.2816,
30.8304

■ 6.1709, 4.2208,
3.3016

■ 54.9285, 47.3110,
44.6366

■ 2.9909, 1.7978,
1.2506

■ 73.8090, 64.8149,
62.0494

■ 1.1490, 0.4858,
0.0208

■ 96.5851, 86.1777,
83.4875

■ 0.0655, 0.0000,
0.0000

■ 123.6220,
111.7837, 109.3692

■ 0.0000, 0.0000,
0.0000

155.2851,

142.0174, 140.1133

191.9398,
177.2632, 176.1382

■ 18.0063, 14.1086,
12.3639

■ 18.0063, 14.1086,
12.3639

■ 16.3681, 11.7084,
9.1165

■ 20.0010, 17.0562,
16.2405

■ 15.0642, 9.8200,
6.4641

■ 22.3704, 20.5800,
20.7762

■ 14.0717, 8.4066,
4.3708


■ 25.1329, 24.7091,
26.0000


■ 13.3642, 7.4259,
2.7962


■ 28.3051, 29.4700,
31.9391


■ 12.9109, 6.8278,
1.6945


■ 31.9029, 34.8879,
38.6189

 12.6763, 6.5235,
1.1075

 35.9412, 40.9863,
46.0639

 40.4343, 47.7877,
54.2972

 45.3958, 55.3135,
63.3411

 50.8387, 63.5844,
73.2168

Harmonies

Analogous

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



18.0128, 14.1086, 18.7442



18.0063, 14.1086, 12.3639



16.6794, 14.1086, 8.1790

Triad

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



18.0063, 14.1086, 12.3639



10.5857, 14.1086, 8.2063



12.3362, 14.1086, 30.6135

Complementary

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



18.0063, 14.1086, 12.3639



19.7955, 25.8225, 29.9290

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.



10.5981, 14.1086, 25.8546



18.0063, 14.1086, 12.3639



9.6665, 14.1086, 12.4130

Square

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



18.0063, 14.1086, 12.3639



12.3175, 14.1086, 6.2735



9.6708, 14.1086, 18.8091



14.5649, 14.1086, 30.5895

Rectangle

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



18.0063, 14.1086, 12.3639



15.3013, 14.1086, 6.6751



9.6708, 14.1086, 18.8091



11.6810, 14.1086, 29.4724

Sweetspot

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



18.0067, 14.1093, 12.3642



43.7009, 42.6281, 44.6551



20.1809, 14.8276, 30.6526



9.4570, 9.1061, 9.4667



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.0067, 14.1093, 12.3642



29.1511, 21.0493, 16.6197



19.9993, 18.5745, 11.5489



5.8254, 5.8252, 6.1869



10.5200, 5.4131, 0.9533



0.1339, 0.0683, 0.0387

Inverse Universe

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



18.0067, 14.1093, 12.3642



29.1511, 21.0493, 16.6197



16.8778, 19.1123, 31.6537



5.8254, 5.8252, 6.1869



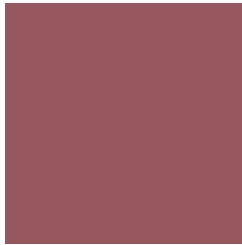
10.5200, 5.4131, 0.9533



0.1339, 0.0683, 0.0387

Previews

White Background



This preview shows how the XYZ color 18.0063, 14.1086, 12.3639 looks on a white background.

Color Contrast Check

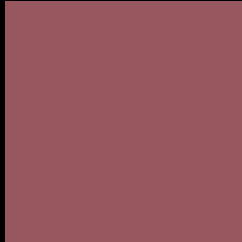
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0063, 14.1086, 12.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

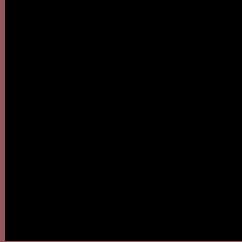
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0063, 14.1086, 12.3639

Background



This preview shows how black text looks on a background with the XYZ color 18.0063, 14.1086, 12.3639.



This preview shows how white text looks on a background with the XYZ color 18.0063, 14.1086,

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

18.0063, 14.1086, 12.3639

Protanopia

13.7346, 14.2908, 15.1312

Deuteranopia

14.5249, 14.3230, 11.8966



Tritanopia

18.0063, 14.1086, 12.3639

Trichromacy



Original Color

18.0063, 14.1086, 12.3639

Protanomaly

14.8363, 13.8664, 13.9511

Deuteranomaly

15.7222, 14.2276, 12.0428

Tritanomaly

18.0063, 14.1086, 12.3639

Monochromacy



Original Color

18.0063, 14.1086, 12.3639

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.1238, 14.2846, 14.5305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0063, 14.1086, 12.3639 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(150, 87, 94)` looks like.

```
.text, #text, p{  
    color:rgb(150, 87, 94)  
}
```

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(150, 87, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 87, 94) }
```

Border

The CSS property to change the border of an element to XYZ 18.0063, 14.1086, 12.3639 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(150, 87, 94) }
```


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

```
.border{ border-color:rgb(150, 87, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 87, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 87, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 87, 94);  
box-shadow:4px 4px 4px 4px rgb(150, 87,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0063, 14.1086, 12.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 87, 94) }
```

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

```
.background{ background-color: rgb(150, 87,  
94) }
```

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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