

Converting Colors

XYZ(17.7894, 14.2095, 12.5079)

Have a look what the booklet for
XYZ(17.7894, 14.2095, 12.5079)
contains.

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Color

**XYZ(17.8055, 14.2488,
12.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	94595E
RGB	148, 89, 94
RGB Percent	58%, 35%, 37%
CMY	0.4196, 0.6510, 0.6314
CMYK	0.00, 0.40, 0.36, 0.42
HSL	355°, 25%, 46%
HSV	355°, 40%, 58%
XYZ	17.8055, 14.2488, 12.4015
YIQ	107.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

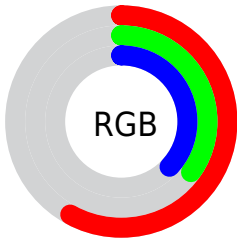
Format	Color
R_{YB}	148, 89, 94
Decimal	9722206
CIE Lab	44.59, 24.94, 7.51
CIE LCh	45, 26.048, 16.767
Yxy	14.2488, 0.4005, 0.3205
Android (android.graphics.Color)	4287912286 (0xFF94595E)
YUV	107.2110, -6.5130, 35.7720
Hunter-Lab	37.7476, 18.1400, 6.9443

Details

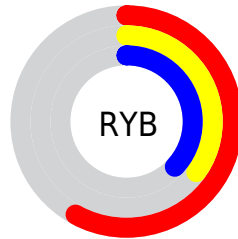
The XYZ color **17.8055, 14.2488, 12.4015** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6683, 25.2872, 29.8323**, and the grayscale version is **14.0450, 14.7764, 16.0915**.

A 20% lighter version of the original color is **39.3140, 33.6072, 30.8003**, and **6.0808, 4.3022, 3.3062** is the 20% darker color. If you saturate the color by 10%, you get **16.1400, 11.8067, 9.1059**, and if you desaturate by 10%, it is **19.8261, 17.2302, 16.3421**.

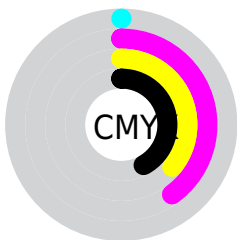
Distribution



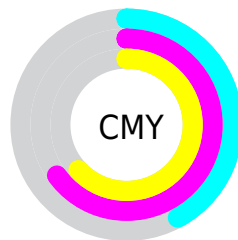
- Red (58%)
- Green (35%)
- Blue (37%)



- Red (58%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8055, 14.2488, 12.4015 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 17.8055, 14.2488, 12.4015 by changing the saturation by 10% instead.

■ 17.8055, 14.2488,
12.4015

■ 17.8055, 14.2488,
12.4015

232.8393,
218.7732, 218.1169

■ 10.9093, 8.2939,
6.8919

■ 39.2383, 33.5298,
30.8995

■ 6.0727, 4.2836,
3.3172

■ 54.5056, 47.6248,
44.7250

■ 2.9304, 1.8334,
1.2588

■ 73.2940, 65.2019,
62.1596

■ 1.1171, 0.5079,
0.0276

■ 95.9688, 86.6455,
83.6217

■ 0.0393, 0.0000,
0.0000

■ 122.8953,
112.3400, 109.5300

■ 0.0000, 0.0000,
0.0000

154.4390,

142.6699, 140.3029

190.9652,
178.0195, 176.3590

■ 17.8055, 14.2488,
12.4015

■ 17.8055, 14.2488,
12.4015

■ 16.1400, 11.8067,
9.1059

■ 19.8261, 17.2302,
16.3421

■ 14.8079, 9.8697,
6.4202

■ 22.2195, 20.7783,
20.9588

■ 13.7870, 8.4030,
4.3071


■ 25.0036, 24.9210,
26.2815


■ 13.0519, 7.3665,
2.7249


■ 28.1948, 29.6838,
32.3381


■ 12.5731, 6.7135,
1.6262


■ 31.8086, 35.0909,
39.1550


 12.2858, 6.3287,
0.9454

 35.8596, 41.1649,
46.7573

 12.2824, 6.3238,
0.9385

 40.3618, 47.9276,
55.1690

 45.3285, 55.3996,
64.4130

 50.7725, 63.6007,
74.5114

Harmonies

Analogous

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



17.8833, 14.2488, 18.3257



17.8055, 14.2488, 12.4015



16.5127, 14.2488, 8.5020

Triad

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



17.8055, 14.2488, 12.4015



10.7999, 14.2488, 8.8455



12.6365, 14.2488, 29.7763

Complementary

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



17.8055, 14.2488, 12.4015



19.6683, 25.2872, 29.8323

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.



10.9526, 14.2488, 25.5994



17.8055, 14.2488, 12.4015



9.9689, 14.2488, 13.0066

Square

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



17.8055, 14.2488, 12.4015



12.4073, 14.2488, 6.8441



10.0217, 14.2488, 19.1092



14.7461, 14.2488, 29.4910

Rectangle

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



17.8055, 14.2488, 12.4015



15.2053, 14.2488, 7.1069



10.0217, 14.2488, 19.1092



12.0066, 14.2488, 28.8094

Sweetspot

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



17.8059, 14.2495, 12.4018



42.8857, 42.1365, 44.0240



20.0906, 15.0432, 29.8617



9.6572, 9.4213, 9.7965



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.



17.8059, 14.2495, 12.4018



28.7191, 21.1843, 16.5473



19.8770, 18.7390, 12.0214



5.8196, 5.8229, 6.1560



10.4960, 5.4034, 0.8269



0.1324, 0.0677, 0.0309

Inverse Universe

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



17.8059, 14.2495, 12.4018



28.7191, 21.1843, 16.5473



16.7236, 18.7784, 30.7602



5.8196, 5.8229, 6.1560



10.4960, 5.4034, 0.8269



0.1324, 0.0677, 0.0309

Previews

White Background



This preview shows how the XYZ color 17.8055, 14.2488, 12.4015 looks on a white background.

Color Contrast Check

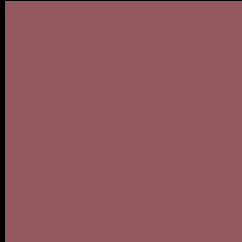
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8055, 14.2488, 12.4015 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 17.8055, 14.2488, 12.4015

Background



This preview shows how black text looks on a background with the XYZ color 17.8055, 14.2488, 12.4015.



This preview shows how white text looks on a background with the XYZ color 17.8055, 14.2488,

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

17.8055, 14.2488, 12.4015

Protanopia

13.6841, 14.2706, 14.8652

Deuteranopia

14.5683, 14.3404, 12.1254



Tritanopia

17.8507, 14.2669, 12.6394

Trichromacy



Original Color

17.8055, 14.2488, 12.4015

Protanomaly

14.9305, 14.0547, 13.9825

Deuteranomaly

15.6106, 14.1650, 12.2673

Tritanomaly

17.8507, 14.2669, 12.6394

Monochromacy



Original Color

17.8055, 14.2488, 12.4015

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9815, 14.2112, 14.5238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8055, 14.2488, 12.4015 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(148, 89, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 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(148, 89, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.8055, 14.2488, 12.4015 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(148, 89, 94) }
```


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

```
.border{ border-color:rgb(148, 89, 94) }
```

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

Here you see how a box with a 4 pixel rgb(148, 89, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 89, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 89, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 89,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8055, 14.2488, 12.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 94) }
```

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

```
.background{ background-color: rgb(148, 89,  
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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