

Converting Colors

XYZ(17.0862, 13.8813, 12.2311)

Have a look what the booklet for
XYZ(17.0862, 13.8813, 12.2311)
contains.

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Color

**XYZ(17.0498, 13.8644,
12.1334)**

Conversions

Conversions Part 1

Format	Color
Hex	90595D
RGB	144, 89, 93
RGB Percent	56%, 35%, 36%
CMY	0.4353, 0.6510, 0.6353
CMYK	0.00, 0.38, 0.35, 0.44
HSL	356°, 24%, 46%
HSV	356°, 38%, 56%
XYZ	17.0498, 13.8644, 12.1334
YIQ	105.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

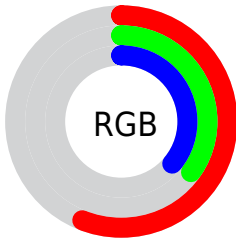
Format	Color
R_{YB}	144, 89, 93
Decimal	9460061
CIE Lab	44.04, 23.20, 7.27
CIE LCh	44, 24.316, 17.396
Yxy	13.8644, 0.3961, 0.3221
Android (android.graphics.Color)	4287650141 (0xFF90595D)
YUV	105.9010, -6.3602, 33.4128
Hunter-Lab	37.2349, 16.5737, 6.7442

Details

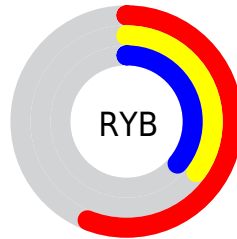
The XYZ color **17.0498, 13.8644, 12.1334** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8274, 23.9642, 28.4456**, and the grayscale version is **13.6837, 14.3963, 15.6776**.

A 20% lighter version of the original color is **37.8892, 32.8815, 30.3364**, and **5.6554, 4.0853, 3.1798** is the 20% darker color. If you saturate the color by 10%, you get **15.4259, 11.4819, 8.9244**, and if you desaturate by 10%, it is **19.0122, 16.7584, 15.9651**.

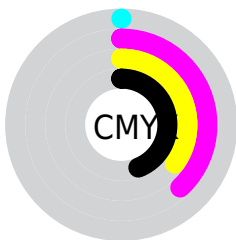
Distribution



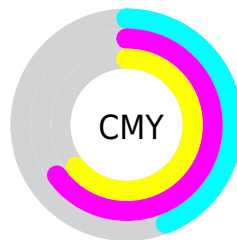
- Red (56%)
- Green (35%)
- Blue (36%)



- Red (56%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0498, 13.8644, 12.1334 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 17.0498, 13.8644, 12.1334 by changing the saturation by 10% instead.

■ 17.0498, 13.8644,
12.1334

■ 17.0498, 13.8644,
12.1334

228.6098,
216.3856, 216.2956

■ 10.3655, 8.0264,
6.7110

■ 37.9543, 32.8482,
30.4059

■ 5.7061, 4.1119,
3.2063

■ 52.9052, 46.7629,
44.0929

■ 2.7062, 1.7363,
1.2009

■ 71.3424, 64.1385,
61.3720

■ 1.0003, 0.4470,
0.0000

■ 93.6312, 85.3596,
82.6616

■ 0.0000, 0.0000,
0.0000

■ 120.1370,
110.8104, 108.3802

151.2252,

140.8754, 138.9463

187.2610,
175.9390, 174.7786

■ 17.0498, 13.8644,
12.1334

■ 17.0498, 13.8644,
12.1334

■ 15.4259, 11.4819,
8.9244

■ 19.0122, 16.7584,
15.9651

■ 14.1203, 9.5793,
6.3045

■ 21.3295, 20.1891,
20.4492

■ 13.1122, 8.1245,
4.2380

■ 24.0185, 24.1824,
25.6143

■ 12.3782, 7.0809,
2.6851

■ 27.0946, 28.7621,
31.4873

■ 11.8912, 6.4060,
1.6007

■ 30.5722, 33.9505,
38.0934

■ 11.6018, 6.0146,
0.9262

■ 34.4650, 39.7687,
45.4568

■ 11.5590, 5.9523,
0.8403

■ 38.7863, 46.2369,
53.6003

■ 43.5485, 53.3744,
62.5460

■ 48.7635, 61.1995,
72.3151

Harmonies

Analogous

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



17.1454, 13.8644, 17.5384



17.0498, 13.8644, 12.1334



15.8556, 13.8644, 8.5413

Triad

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



17.0498, 13.8644, 12.1334



10.6282, 13.8644, 8.9790



12.3836, 13.8644, 28.0402

Complementary

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



17.0498, 13.8644, 12.1334



18.8274, 23.9642, 28.4456

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.



10.8197, 13.8644, 24.3585



17.0498, 13.8644, 12.1334



9.8748, 13.8644, 12.8916

Square

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



17.0498, 13.8644, 12.1334



12.0980, 13.8644, 7.0497



9.9413, 13.8644, 18.5053



14.3198, 13.8644, 27.6936

Rectangle

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



17.0498, 13.8644, 12.1334



14.6576, 13.8644, 7.2505



9.9413, 13.8644, 18.5053



11.8009, 13.8644, 27.2012

Sweetspot

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



17.0502, 13.8651, 12.1337



40.8531, 40.4078, 42.2839



19.3240, 14.6840, 28.2014



9.2361, 9.0697, 9.4426



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.



17.0502, 13.8651, 12.1337



27.5338, 20.7287, 16.3892



19.0902, 18.2212, 11.9630



5.4238, 5.4300, 5.7297



10.0696, 5.1849, 0.7521



0.0988, 0.0506, 0.0205

Inverse Universe

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



17.0502, 13.8651, 12.1337



27.5338, 20.7287, 16.3892



16.0020, 17.8331, 28.9844



5.4238, 5.4300, 5.7297



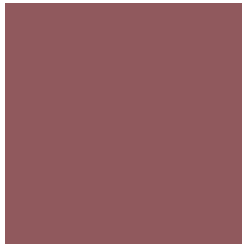
10.0696, 5.1849, 0.7521



0.0988, 0.0506, 0.0205

Previews

White Background



This preview shows how the XYZ color 17.0498, 13.8644, 12.1334 looks on a white background.

Color Contrast Check

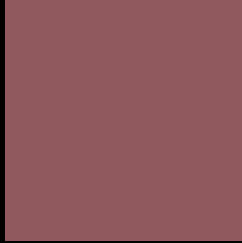
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0498, 13.8644, 12.1334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

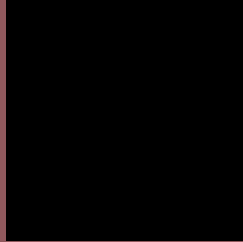
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0498, 13.8644, 12.1334

Background



This preview shows how black text looks on a background with the XYZ color 17.0498, 13.8644, 12.1334.



This preview shows how white text looks on a background with the XYZ color 17.0498, 13.8644,

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

17.0498, 13.8644, 12.1334

Protanopia

13.3627, 13.9660, 14.3033

Deuteranopia

14.1498, 13.9846, 11.8511



Tritanopia

17.1395, 13.9003, 12.6061

Trichromacy



Original Color

17.0498, 13.8644, 12.1334

Protanomaly

14.4122, 13.7986, 13.4591

Deuteranomaly

15.1085, 13.9113, 12.0141

Tritanomaly

17.0944, 13.8822, 12.3682

Monochromacy



Original Color

17.0498, 13.8644, 12.1334

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.6519, 14.0470, 14.2510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0498, 13.8644, 12.1334 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(144, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 89, 93)  
}
```

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(144, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 89, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.0498, 13.8644, 12.1334 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(144, 89, 93) }
```


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

```
.border{ border-color:rgb(144, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 89,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0498, 13.8644, 12.1334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 89, 93) }
```

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

```
.background{ background-color: rgb(144, 89,  
93) }
```

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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