

Converting Colors

XYZ(16.9812, 12.5194, 17.8312)

Have a look what the booklet for
XYZ(16.9812, 12.5194, 17.8312)
contains.

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Color

**XYZ(17.0458, 12.5806,
17.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4F73
RGB	142, 79, 115
RGB Percent	56%, 31%, 45%
CMY	0.4431, 0.6902, 0.5490
CMYK	0.00, 0.44, 0.19, 0.44
HSL	326°, 29%, 43%
HSV	326°, 44%, 56%
XYZ	17.0458, 12.5806, 17.7495
YIQ	101.9410, 25.9920, 24.5520

Conversions

Conversions Part 2

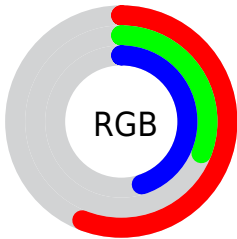
Format	Color
RYB	142, 79, 115
Decimal	9326451
CIELab	42.12, 31.43, -9.04
CIElCh	42, 32.704, 343.954
Yxy	12.5806, 0.3598, 0.2655
Android (android.graphics.Color)	4287516531 (0xFF8E4F73)
YUV	101.9410, 6.4381, 35.1317
Hunter-Lab	35.4691, 23.7127, -4.8416

Details

The XYZ color **17.0458, 12.5806, 17.7495** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4996, 22.0492, 17.0758**, and the grayscale version is **12.5933, 13.2491, 14.4283**.

A 20% lighter version of the original color is **37.9836, 30.6256, 40.4686**, and **5.7196, 3.5589, 5.6957** is the 20% darker color. If you saturate the color by 10%, you get **15.7901, 10.6112, 15.6598**, and if you desaturate by 10%, it is **18.5442, 14.9980, 20.0345**.

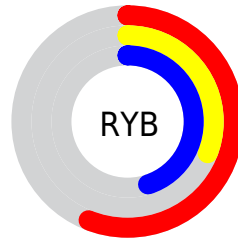
Distribution



Red (56%)

Green (31%)

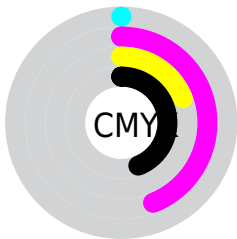
Blue (45%)



Red (56%)

Yellow (31%)

Blue (45%)

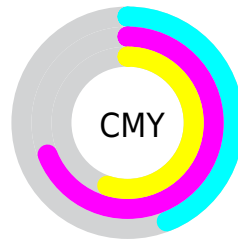


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0458, 12.5806, 17.7495 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 17.0458, 12.5806, 17.7495 by changing the saturation by 10% instead.

17.0458, 12.5806,
17.7495

17.0458, 12.5806,
17.7495

228.5873,
208.2120, 251.6438

10.3627, 7.1404,
10.6027

37.9475, 30.5482,
40.4182

5.7042, 3.5501,
5.6896

52.8967, 43.8444,
56.7771

2.7050, 1.4252,
2.5915

71.3320, 60.5281,
77.0439

0.9997, 0.2352,
0.8881

93.6188, 80.9836,
101.6370

0.0000, 0.0000,
0.0000

120.1223,
105.5954, 130.9750

151.2080,

134.7477, 165.4765

187.2412,
168.8252, 205.5599

■ 17.0458, 12.5806,
17.7495

■ 17.0458, 12.5806,
17.7495

■ 15.7901, 10.6112,
15.6598

■ 18.5442, 14.9980,
20.0345

■ 14.7615, 9.0598,
13.7575

■ 20.2973, 17.8875,
22.5205

■ 13.9442, 7.8954,
12.0354

■ 22.3179, 21.2735,
25.2140

■ 13.3197, 7.0819,
10.4848

■ 24.6174, 25.1782,
28.1207

■ 12.8649, 6.5736,
9.0958

■ 27.2065, 29.6225,
31.2463

■ 12.6458, 6.3470,
8.3706

■ 30.0954, 34.6261,
34.5960

■ 33.2937, 40.2077,
38.1749

■ 36.8107, 46.3852,
41.9879

■ 40.6552, 53.1755,
46.0398

Harmonies

Analogous

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



15.5109, 12.5806, 25.7982



17.0458, 12.5806, 17.7495



17.1019, 12.5806, 10.7122

Triad

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



17.0458, 12.5806, 17.7495



10.8635, 12.5806, 4.3700



8.8933, 12.5806, 25.2736

Complementary

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



17.0458, 12.5806, 17.7495



15.4996, 22.0492, 17.0758

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.



7.9644, 12.5806, 17.1931



17.0458, 12.5806, 17.7495



8.9930, 12.5806, 6.1343

Square

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



17.0458, 12.5806, 17.7495



13.2991, 12.5806, 4.4295



7.9983, 12.5806, 10.3155



10.7093, 12.5806, 31.0509

Rectangle

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



17.0458, 12.5806, 17.7495



16.2774, 12.5806, 7.4903



7.9983, 12.5806, 10.3155



8.4787, 12.5806, 22.6364

Sweetspot

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



17.0462, 12.5812, 17.7498



39.7746, 38.2213, 45.0044



13.5342, 10.5642, 26.9170



8.7152, 8.2524, 9.8334



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.



17.0462, 12.5812, 17.7498



27.8972, 18.7931, 27.7066



15.5618, 11.9875, 9.9334



5.5299, 5.4725, 6.2882



11.3634, 5.7024, 7.5647



0.1197, 0.0589, 0.1306

Inverse Universe

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



17.0462, 12.5812, 17.7498



27.8972, 18.7931, 27.7066



17.3953, 22.8075, 27.0586



5.5299, 5.4725, 6.2882



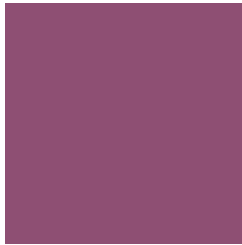
11.3634, 5.7024, 7.5647



0.1197, 0.0589, 0.1306

Previews

White Background



This preview shows how the XYZ color 17.0458, 12.5806, 17.7495 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 17.0458, 12.5806, 17.7495 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 17.0458, 12.5806, 17.7495

Background



This preview shows how black text looks on a background with the XYZ color 17.0458, 12.5806, 17.7495.

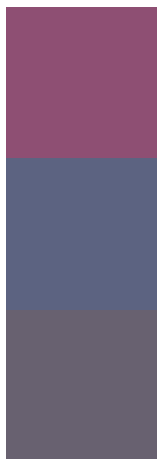


This preview shows how white text looks on a background with the XYZ color 17.0458, 12.5806,

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

17.0458, 12.5806, 17.7495

Protanopia

12.8379, 12.7840, 22.5598

Deuteranopia

12.9082, 12.6623, 17.0930



Tritanopia

15.6632, 12.5678, 11.2731

Trichromacy



Original Color

17.0458, 12.5806, 17.7495

Protanomaly

13.8956, 12.4245, 20.7346

Deuteranomaly

14.1080, 12.3561, 17.2642

Tritanomaly

16.0846, 12.5109, 13.3715

Monochromacy



Original Color

17.0458, 12.5806, 17.7495

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.9927, 12.8489, 15.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0458, 12.5806, 17.7495 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(142, 79, 115)` looks like.

```
.text, #text, p{  
    color:rgb(142, 79, 115)  
}
```

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(142, 79, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 79, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.0458, 12.5806, 17.7495 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(142, 79, 115) }
```


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

```
.border{ border-color:rgb(142, 79, 115) }
```

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

Here you see how a box with a 4 pixel rgb(142, 79, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 79, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 79, 115);  
box-shadow:4px 4px 4px 4px rgb(142, 79,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0458, 12.5806, 17.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 79, 115) }
```

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

```
.background{ background-color: rgb(142, 79,  
115) }
```

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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