

Converting Colors

XYZ(17.5303, 12.8989, 17.9472)

Have a look what the booklet for
XYZ(17.5303, 12.8989, 17.9472)
contains.

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Color

**XYZ(17.5226, 12.9276,
18.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	905074
RGB	144, 80, 116
RGB Percent	56%, 31%, 45%
CMY	0.4353, 0.6863, 0.5451
CMYK	0.00, 0.44, 0.19, 0.44
HSL	326°, 29%, 44%
HSV	326°, 44%, 56%
XYZ	17.5226, 12.9276, 18.0947
YIQ	103.2400, 26.5880, 24.7640

Conversions

Conversions Part 2

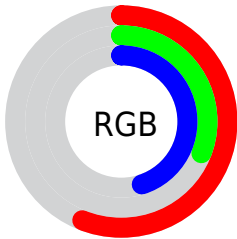
Format	Color
R_{YB}	144, 80, 116
Decimal	9457780
CIE Lab	42.65, 31.75, -8.83
CIE LCh	43, 32.957, 344.458
Yxy	12.9276, 0.3610, 0.2663
Android (android.graphics.Color)	4287647860 (0xFF905074)
YUV	103.2400, 6.2907, 35.7465
Hunter-Lab	35.9550, 24.0705, -4.6698

Details

The XYZ color **17.5226, 12.9276, 18.0947** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.9889, 22.7350, 17.7340**, and the grayscale version is **12.9350, 13.6086, 14.8198**.

A 20% lighter version of the original color is **38.7374, 31.2019, 41.0267**, and **5.9735, 3.7257, 5.8731** is the 20% darker color. If you saturate the color by 10%, you get **16.2249, 10.8989, 15.9149**, and if you desaturate by 10%, it is **19.0719, 15.4194, 20.4813**.

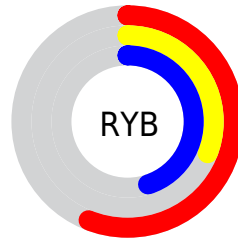
Distribution



Red (56%)

Green (31%)

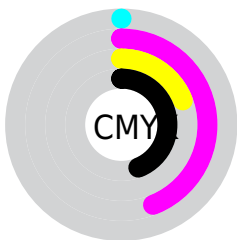
Blue (45%)



Red (56%)

Yellow (31%)

Blue (45%)

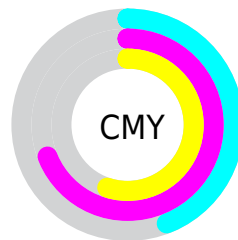


Cyan (0%)

Magenta (44%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5226, 12.9276, 18.0947 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 17.5226, 12.9276, 18.0947 by changing the saturation by 10% instead.

■ 17.5226, 12.9276,
18.0947

■ 17.5226, 12.9276,
18.0947

231.2642,
210.4531, 253.6583

■ 10.7054, 7.3787,
10.8479

■ 38.7586, 31.1737,
41.0147

■ 5.9349, 3.7001,
5.8517

■ 53.9082, 44.6396,
57.5250

■ 2.8458, 1.5072,
2.6878

■ 72.5659, 61.5134,
77.9602

■ 1.0728, 0.2938,
0.9373

■ 95.0971, 82.1793,
102.7388

■ 0.0021, 0.0000,
0.0000

■ 121.8672,
107.0219, 132.2794

■ 0.0000, 0.0000,
0.0000

153.2415,

136.4255, 167.0004

189.5854,
170.7744, 207.3206

■ 17.5226, 12.9276,
18.0947

■ 17.5226, 12.9276,
18.0947

■ 16.2249, 10.8989,
15.9149

■ 19.0719, 15.4194,
20.4813

■ 15.1627, 9.3022,
13.9338

■ 20.8854, 18.3993,
23.0808

■ 14.3194, 8.1052,
12.1433

■ 22.9762, 21.8925,
25.9000

■ 13.6760, 7.2706,
10.5347


■ 25.3562, 25.9220,
28.9451


■ 13.2083, 6.7510,
9.0972


■ 28.0365, 30.5096,
32.2220

 12.9867, 6.5233,
8.3586

 31.0277, 35.6755,
35.7364

 34.3399, 41.4392,
39.4935

 37.9825, 47.8191,
43.4987

 41.9648, 54.8330,
47.7569

Harmonies

Analogous

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



15.9695, 12.9276, 26.3607



17.5226, 12.9276, 18.0947



17.5524, 12.9276, 10.9120

Triad

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



17.5226, 12.9276, 18.0947



11.1262, 12.9276, 4.5129



9.1667, 12.9276, 26.0820

Complementary

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



17.5226, 12.9276, 18.0947



15.9889, 22.7350, 17.7340

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.



8.1969, 12.9276, 17.7991



17.5226, 12.9276, 18.0947



9.2197, 12.9276, 6.3610

Square

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



17.5226, 12.9276, 18.0947



13.6203, 12.9276, 4.5446



8.2149, 12.9276, 10.7012



11.0442, 12.9276, 31.9332

Rectangle

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



17.5226, 12.9276, 18.0947



16.6905, 12.9276, 7.6370



8.2149, 12.9276, 10.7012



8.7358, 12.9276, 23.3865

Sweetspot

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



17.5230, 12.9282, 18.0950



40.9910, 39.3984, 46.2917



14.0553, 10.9232, 27.7531



9.2173, 8.7273, 10.3760



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.



17.5230, 12.9282, 18.0950



28.6909, 19.3367, 28.2005



15.9814, 12.3116, 9.9773



5.5279, 5.4717, 6.2779



11.3210, 5.6854, 7.3416



0.1193, 0.0588, 0.1286

Inverse Universe

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



17.5230, 12.9282, 18.0950



28.6909, 19.3367, 28.2005



17.9959, 23.5378, 28.3028



5.5279, 5.4717, 6.2779



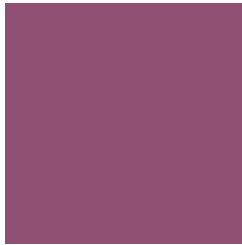
11.3210, 5.6854, 7.3416



0.1193, 0.0588, 0.1286

Previews

White Background



This preview shows how the XYZ color 17.5226, 12.9276, 18.0947 looks on a white background.

Color Contrast Check

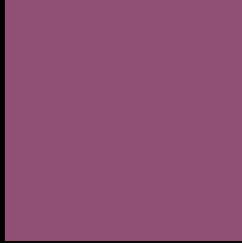
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5226, 12.9276, 18.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

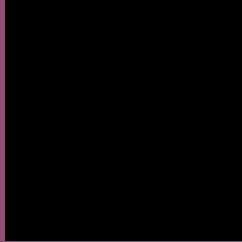
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.5226, 12.9276, 18.0947

Background



This preview shows how black text looks on a background with the XYZ color 17.5226, 12.9276, 18.0947.



This preview shows how white text looks on a background with the XYZ color 17.5226, 12.9276,

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

17.5226, 12.9276, 18.0947

Protanopia

13.2025, 13.1057, 22.9529

Deuteranopia

13.2922, 12.9918, 17.4299



Tritanopia

16.1213, 12.9151, 11.5407

Trichromacy



Original Color

17.5226, 12.9276, 18.0947

Protanomaly

14.2981, 12.7541, 21.1102

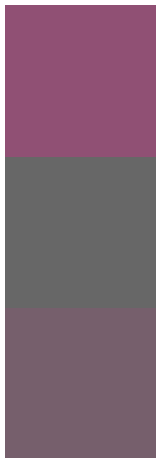
Deuteranomaly

14.5241, 12.6901, 17.6035

Tritanomaly

16.5488, 12.8574, 13.6661

Monochromacy



Original Color

17.5226, 12.9276, 18.0947

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.2702, 13.1187, 15.9674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5226, 12.9276, 18.0947 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, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(144, 80, 116)  
}
```

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, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 80, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.5226, 12.9276, 18.0947 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, 80, 116) }
```


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

```
.border{ border-color:rgb(144, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(144, 80,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5226, 12.9276, 18.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 80, 116) }
```

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

```
.background{ background-color: rgb(144, 80,  
116) }
```

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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