

Converting Colors

XYZ(17.3995, 12.0938, 18.7108)

Have a look what the booklet for
XYZ(17.3995, 12.0938, 18.7108)
contains.

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Color

**XYZ(17.3296, 12.0928,
18.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	914976
RGB	145, 73, 118
RGB Percent	57%, 29%, 46%
CMY	0.4314, 0.7137, 0.5373
CMYK	0.00, 0.50, 0.19, 0.43
HSL	323°, 33%, 43%
HSV	323°, 50%, 57%
XYZ	17.3296, 12.0928, 18.5603
YIQ	99.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

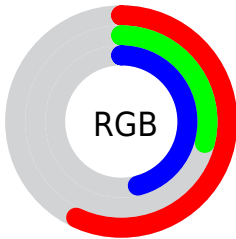
Format	Color
RYB	145, 73, 118
Decimal	9521526
CIELab	41.36, 36.27, -11.99
CIELCh	41, 38.198, 341.704
Yxy	12.0928, 0.3612, 0.2520
Android (android.graphics.Color)	4287711606 (0xFF914976)
YUV	99.6580, 9.0426, 39.7649
Hunter-Lab	34.7747, 28.0978, -7.3026

Details

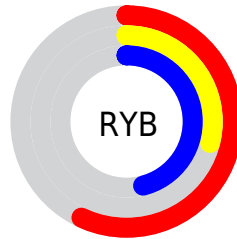
The XYZ color **17.3296, 12.0928, 18.5603** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.1738, 22.5877, 15.6177**, and the grayscale version is **11.9991, 12.6240, 13.7476**.

A 20% lighter version of the original color is **38.5507, 29.7351, 41.7378**, and **5.8255, 3.3303, 6.1301** is the 20% darker color. If you saturate the color by 10%, you get **16.1718, 10.2794, 16.6258**, and if you desaturate by 10%, it is **18.7289, 14.3591, 20.6675**.

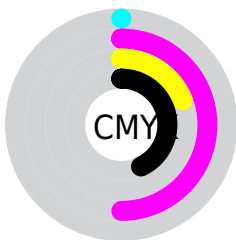
Distribution



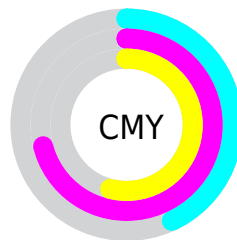
- Red (57%)
- Green (29%)
- Blue (46%)



- Red (57%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (43%)





- Cyan (43%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3296, 12.0928, 18.5603 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 17.3296, 12.0928, 18.5603 by changing the saturation by 10% instead.


 17.3296, 12.0928,
18.5603


 17.3296, 12.0928,
18.5603


230.1841,
205.0187, 256.3518


 10.5665, 6.8069,
11.1794


 38.4307, 29.6640,
41.8165


 5.8413, 3.3416,
6.0720

 53.4995, 42.7181,
58.5290


 2.7886, 1.3126,
2.8194

 72.0675, 59.1304,
79.1890

 1.0430, 0.1509,
1.0032

 94.5001, 79.2853,
104.2151

 0.0000, 0.0000,
0.0000

 121.1628,
103.5672, 134.0259

152.4207,

132.3605, 169.0400

188.6394,
166.0495, 209.6757

■ 17.3296, 12.0928,
18.5603

■ 17.3296, 12.0928,
18.5603

■ 16.1718, 10.2794,
16.6258

■ 18.7289, 14.3591,
20.6675

■ 15.2384, 8.8856,
14.8563

■ 20.3831, 17.1050,
22.9530

■ 14.5117, 7.8765,
13.2446

■ 22.3058, 20.3571,
25.4228

■ 13.9708, 7.2107,
11.7821

■ 24.5093, 24.1396,
28.0826

■ 13.5628, 6.7828,
10.4493

■ 27.0052, 28.4751,
30.9376

■ 13.5492, 6.7686,
10.4048

■ 29.8043, 33.3851,
33.9927

■ 32.9170, 38.8895,
37.2528

■ 36.3531, 45.0077,
40.7224

■ 40.1219, 51.7580,
44.4060

Harmonies

Analogous

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



15.4145, 12.0928, 28.1568



17.3296, 12.0928, 18.5603



17.5389, 12.0928, 10.3083

Triad

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



17.3296, 12.0928, 18.5603



10.4467, 12.0928, 3.1657



7.9579, 12.0928, 26.1478

Complementary

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



17.3296, 12.0928, 18.5603



15.1738, 22.5877, 15.6177

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.



7.0270, 12.0928, 16.5106



17.3296, 12.0928, 18.5603



8.3017, 12.0928, 4.7457

Square

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



17.3296, 12.0928, 18.5603



13.2485, 12.0928, 3.3445



7.1418, 12.0928, 8.9350



9.9014, 12.0928, 33.6124

Rectangle

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



17.3296, 12.0928, 18.5603



16.6476, 12.0928, 6.6667



7.1418, 12.0928, 8.9350



7.5314, 12.0928, 22.9219

Sweetspot

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



17.3300, 12.0934, 18.5605



41.5957, 39.2771, 47.5532



12.6833, 9.4853, 27.9506



9.0924, 8.4618, 10.3825



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.



17.3300, 12.0934, 18.5605



28.6677, 17.9608, 29.2481



15.6060, 11.4038, 9.4822



5.5416, 5.4772, 6.3503



11.6344, 5.8108, 8.9920



0.1220, 0.0598, 0.1424

Inverse Universe

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



17.3300, 12.0934, 18.5605



28.6677, 17.9608, 29.2481



17.2749, 23.4281, 26.6816



5.5416, 5.4772, 6.3503



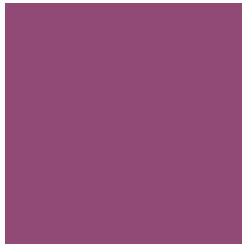
11.6344, 5.8108, 8.9920



0.1220, 0.0598, 0.1424

Previews

White Background



This preview shows how the XYZ color 17.3296, 12.0928, 18.5603 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 17.3296, 12.0928, 18.5603 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 17.3296, 12.0928, 18.5603

Background



This preview shows how black text looks on a background with the XYZ color 17.3296, 12.0928, 18.5603.



This preview shows how white text looks on a background with the XYZ color 17.3296, 12.0928,

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

17.3296, 12.0928, 18.5603

Protanopia

12.5783, 12.3249, 24.6377

Deuteranopia

12.4757, 12.2900, 17.6343



Tritanopia

15.7037, 12.1600, 10.3235

Trichromacy



Original Color

17.3296, 12.0928, 18.5603

Protanomaly

13.6365, 11.7526, 22.3186

Deuteranomaly

13.7867, 11.9303, 17.7958

Tritanomaly

16.1862, 12.0292, 13.0240

Monochromacy



Original Color

17.3296, 12.0928, 18.5603

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.5125, 12.0869, 15.5307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3296, 12.0928, 18.5603 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(145, 73, 118)` looks like.

```
.text, #text, p{  
    color:rgb(145, 73, 118)  
}
```

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(145, 73, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 73, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.3296, 12.0928, 18.5603 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(145, 73, 118) }
```


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

```
.border{ border-color:rgb(145, 73, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 73, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 73, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 73, 118);  
box-shadow:4px 4px 4px 4px rgb(145, 73,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3296, 12.0928, 18.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 73, 118) }
```

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

```
.background{ background-color: rgb(145, 73,  
118) }
```

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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