

Converting Colors

XYZ(17.8129, 12.2930, 25.2749)

Have a look what the booklet for
XYZ(17.8129, 12.2930, 25.2749)
contains.

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Color

**XYZ(17.7794, 12.2792,
25.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4A89
RGB	140, 74, 137
RGB Percent	55%, 29%, 54%
CMY	0.4510, 0.7098, 0.4627
CMYK	0.00, 0.47, 0.02, 0.45
HSL	303°, 31%, 42%
HSV	303°, 47%, 55%
XYZ	17.7794, 12.2792, 25.0999
YIQ	100.9160, 19.1130, 33.5850

Conversions

Conversions Part 2

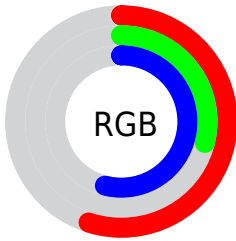
Format	Color
RYB	140, 74, 137
Decimal	9194121
CIELab	41.66, 37.43, -23.22
CIElCh	42, 44.053, 328.186
Yxy	12.2792, 0.3223, 0.2226
Android (android.graphics.Color)	4287384201 (0xFF8C4A89)
YUV	100.9160, 17.7894, 34.2767
Hunter-Lab	35.0417, 29.2441, -17.9395

Details

The XYZ color **17.7794, 12.2792, 25.0999** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.5423, 20.7484, 10.3131**, and the grayscale version is **12.3006, 12.9411, 14.0929**.

A 20% lighter version of the original color is **39.2433, 30.0309, 53.0184**, and **6.0714, 3.4161, 9.3562** is the 20% darker color. If you saturate the color by 10%, you get **16.9013, 10.5956, 24.5827**, and if you desaturate by 10%, it is **18.8666, 14.3801, 25.6884**.

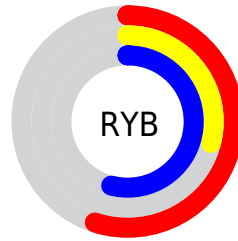
Distribution



Red (55%)

Green (29%)

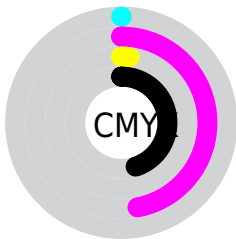
Blue (54%)



Red (55%)

Yellow (29%)

Blue (54%)

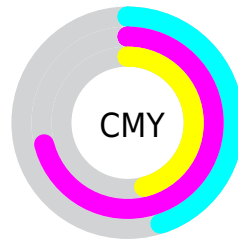


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (45%)



Cyan (45%)

Magenta (71%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7794, 12.2792, 25.0999 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 17.7794, 12.2792, 25.0999 by changing the saturation by 10% instead.

■ 17.7794, 12.2792,
25.0999

■ 17.7794, 12.2792,
25.0999

232.6944,
206.2450, 291.7987

■ 10.8905, 6.9341,
15.9318

■ 39.1941, 30.0026,
52.7854

■ 6.0600, 3.4209,
9.3221

■ 54.4506, 43.1497,
72.1398

■ 2.9226, 1.3552,
4.8522

■ 73.2269, 59.6663,
95.7268

■ 1.1130, 0.1834,
2.1036

■ 95.8885, 79.9367,
123.9649

■ 0.0359, 0.0000,
0.6179

■ 122.8007,
104.3454, 157.2726

■ 0.0000, 0.0000,
0.0000

154.3288,

133.2768, 196.0684

190.8383,
167.1152, 240.7709

■ 17.7794, 12.2792,
25.0999

■ 17.7794, 12.2792,
25.0999

■ 16.9013, 10.5956,
24.5827

■ 18.8666, 14.3801,
25.6884

■ 16.2171, 9.2996,
24.1313

■ 20.1744, 16.9220,
26.3516

■ 15.7116, 8.3606,
23.7408

■ 21.7149, 19.9287,
27.0938

■ 15.3666, 7.7422,
23.4051

■ 23.4988, 23.4220,
27.9184

■ 15.1492, 7.3786,
23.1133

■ 25.5365, 27.4222,
28.8289

■ 15.0931, 7.2866,
23.0321

■ 27.8373, 31.9485,
29.8285

■ 30.4105, 37.0190,
30.9203

■ 33.2647, 42.6511,
32.1070

■ 36.4082, 48.8613,
33.3915

Harmonies

Analogous

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



14.8548, 12.2792, 35.9538



17.7794, 12.2792, 25.0999



19.0384, 12.2792, 13.9406

Triad

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



17.7794, 12.2792, 25.0999



11.8686, 12.2792, 2.3113



7.0107, 12.2792, 23.6456

Complementary

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



17.7794, 12.2792, 25.0999



13.5423, 20.7484, 10.3131

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.



6.5018, 12.2792, 12.8151



17.7794, 12.2792, 25.0999



8.9781, 12.2792, 3.0257

Square

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



17.7794, 12.2792, 25.0999



15.2581, 12.2792, 3.2395



7.1515, 12.2792, 6.0182



8.6954, 12.2792, 34.8765

Rectangle

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



17.7794, 12.2792, 25.0999



18.6163, 12.2792, 8.5543



7.1515, 12.2792, 6.0182



6.7118, 12.2792, 19.7202

Sweetspot

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



17.7798, 12.2798, 25.1002



39.1342, 36.7983, 48.1655



10.1794, 8.3364, 25.8839



8.8837, 8.2176, 11.0359



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.



17.7798, 12.2798, 25.1002



29.6536, 18.4063, 43.2499



15.8041, 11.4895, 14.6962



5.2242, 5.1251, 6.2691



13.4127, 6.4752, 20.4752



0.0905, 0.0436, 0.1434

Inverse Universe

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



17.7798, 12.2798, 25.1002



29.6536, 18.4063, 43.2499



14.9738, 21.3210, 17.8513



5.2242, 5.1251, 6.2691



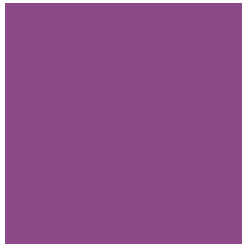
13.4127, 6.4752, 20.4752



0.0905, 0.0436, 0.1434

Previews

White Background



This preview shows how the XYZ color 17.7794, 12.2792, 25.0999 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 17.7794, 12.2792, 25.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

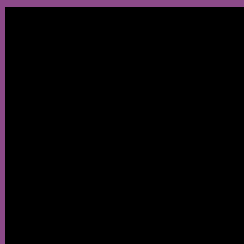
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7794, 12.2792, 25.0999

Background



This preview shows how black text looks on a background with the XYZ color 17.7794, 12.2792, 25.0999.



This preview shows how white text looks on a background with the XYZ color 17.7794, 12.2792,

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

17.7794, 12.2792, 25.0999

Protanopia

13.3360, 12.5275, 33.1676

Deuteranopia

12.6282, 12.3667, 23.9117



Tritanopia

14.9683, 12.3207, 11.4867

Trichromacy



Original Color

17.7794, 12.2792, 25.0999

Protanomaly

14.2527, 12.0240, 30.0034

Deuteranomaly

14.0598, 12.0541, 24.1399

Tritanomaly

15.8025, 12.2018, 15.7097

Monochromacy



Original Color

17.7794, 12.2792, 25.0999

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.8486, 12.3419, 17.5719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7794, 12.2792, 25.0999 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(140, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 74, 137)  
}
```

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(140, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 74, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.7794, 12.2792, 25.0999 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(140, 74, 137) }
```


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

```
.border{ border-color:rgb(140, 74, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 74, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 74,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7794, 12.2792, 25.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 74, 137) }
```

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

```
.background{ background-color: rgb(140, 74,  
137) }
```

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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