

Converting Colors

XYZ(17.4799, 14.8598, 24.5012)

Have a look what the booklet for
XYZ(17.4799, 14.8598, 24.5012)
contains.

XYZ(17.4799, 14.8598, 24.5012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.4799, 14.8598,
24.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	806186
RGB	128, 97, 134
RGB Percent	50%, 38%, 53%
CMY	0.4980, 0.6196, 0.4745
CMYK	0.04, 0.28, 0.00, 0.47
HSL	290°, 16%, 45%
HSV	290°, 28%, 53%
XYZ	17.4799, 14.8598, 24.5012
YIQ	110.4870, 6.5990, 18.0790

Conversions

Conversions Part 2

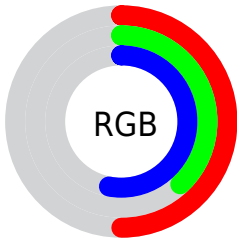
Format	Color
RYB	128, 97, 134
Decimal	8413574
CIELab	45.44, 19.50, -15.71
CIElCh	45, 25.048, 321.143
Yxy	14.8598, 0.3075, 0.2614
Android (android.graphics.Color)	4286603654 (0xFF806186)
YUV	110.4870, 11.5919, 15.3589
Hunter-Lab	38.5484, 13.4817, -10.7006

Details

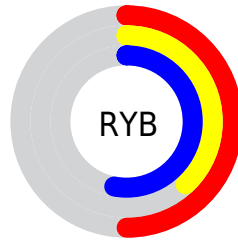
The XYZ color **17.4799, 14.8598, 24.5012** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.2767, 20.7972, 14.4663**, and the grayscale version is **14.9277, 15.7052, 17.1029**.

A 20% lighter version of the original color is **38.6156, 34.5914, 51.6553**, and **5.8827, 4.5410, 8.9540** is the 20% darker color. If you saturate the color by 10%, you get **16.0216, 12.4230, 24.1079**, and if you desaturate by 10%, it is **19.1553, 17.7198, 24.9652**.

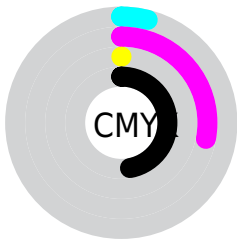
Distribution



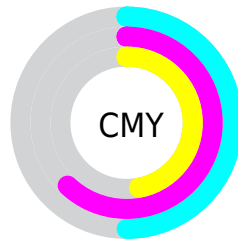
- Red (50%)
- Green (38%)
- Blue (53%)



- Red (50%)
- Yellow (38%)
- Blue (53%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4799, 14.8598, 24.5012 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 17.4799, 14.8598, 24.5012 by changing the saturation by 10% instead.

■ 17.4799, 14.8598,
24.5012

■ 17.4799, 14.8598,
24.5012

231.0256,
222.5161, 288.7124

■ 10.6747, 8.7210,
15.4902

■ 38.6861, 34.6070,
51.8009

■ 5.9142, 4.5597,
9.0137

■ 53.8178, 48.9843,
70.9267

■ 2.8331, 1.9913,
4.6532

■ 72.4557, 66.8766,
94.2611

■ 1.0661, 0.6024,
1.9901

■ 94.9652, 88.6682,
122.2228

■ 0.0000, 0.0000,
0.5492

121.7116,
114.7435, 155.2302

■ 0.0000, 0.0000,
0.0000

153.0602,

145.4870, 193.7019

189.3764,
181.2831, 238.0565

■ 17.4799, 14.8598,
24.5012

■ 17.4799, 14.8598,
24.5012

■ 16.0216, 12.4230,
24.1079

■ 19.1553, 17.7198,
24.9652

■ 14.7685, 10.3864,
23.7809

■ 21.0562, 21.0207,
25.5021

■ 13.7095, 8.7279,
23.5166

■ 23.1922, 24.7815,
26.1154

■ 12.8321, 7.4223,
23.3108

■ 25.5721, 29.0193,
26.8080

■ 12.1221, 6.4414,
23.1589

■ 28.2041, 33.7506,
27.5825

■ 11.5630, 5.7524,
23.0554

■ 31.0960, 38.9911,
28.4416

■ 11.1212, 5.2877,
22.9890

■ 34.2553, 44.7555,
29.3877

■ 11.0200, 5.1839,
22.9743

■ 37.6891, 51.0583,
30.4233

■ 41.4045, 57.9132,
31.5506

Harmonies

Analogous

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



15.6191, 14.8598, 29.4184



17.4799, 14.8598, 24.5012



18.4650, 14.8598, 18.0121

Triad

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



17.4799, 14.8598, 24.5012



14.7499, 14.8598, 7.2827



10.7061, 14.8598, 20.6825

Complementary

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



17.4799, 14.8598, 24.5012



16.2767, 20.7972, 14.4663

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.



10.5227, 14.8598, 14.4762



17.4799, 14.8598, 24.5012



12.7271, 14.8598, 7.6625

Square

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



17.4799, 14.8598, 24.5012



16.7901, 14.8598, 8.7871



11.2274, 14.8598, 9.9947



11.7558, 14.8598, 26.8636

Rectangle

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



17.4799, 14.8598, 24.5012



18.4318, 14.8598, 14.0616



11.2274, 14.8598, 9.9947



10.5455, 14.8598, 18.5007

Sweetspot

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



17.4804, 14.8604, 24.5015



36.8982, 36.6858, 44.8747



14.1002, 13.9969, 24.5130



8.2077, 8.0814, 10.0800



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4804, 14.8604, 24.5015



29.1825, 23.4700, 42.7305



17.5989, 15.0152, 20.2753



4.7858, 4.7257, 5.8607



10.3347, 4.8619, 21.5304



0.0407, 0.0194, 0.0748

Inverse Universe

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



16.5548, 14.5976, 14.7775



27.3190, 22.9541, 22.5460



16.2336, 20.7033, 17.7034



4.7011, 4.7001, 5.0384



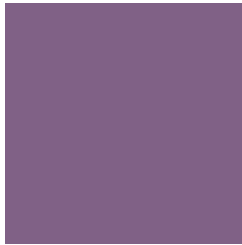
9.3498, 4.8042, 1.1483



0.0342, 0.0174, 0.0134

Previews

White Background



This preview shows how the XYZ color 17.4799, 14.8598, 24.5012 looks on a white background.

Color Contrast Check

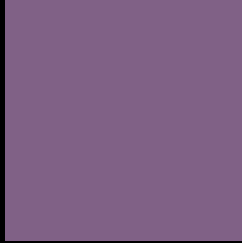
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4799, 14.8598, 24.5012 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 17.4799, 14.8598, 24.5012

Background



This preview shows how black text looks on a background with the XYZ color 17.4799, 14.8598, 24.5012.



This preview shows how white text looks on a background with the XYZ color 17.4799, 14.8598,

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

17.4799, 14.8598, 24.5012

Protanopia

15.2110, 15.0911, 27.3105

Deuteranopia

15.2628, 15.0382, 23.9280



Tritanopia

15.8780, 14.9136, 16.7936

Trichromacy



Original Color

17.4799, 14.8598, 24.5012

Protanomaly

15.8681, 14.8505, 26.0748

Deuteranomaly

16.0233, 14.9714, 24.2355

Tritanomaly

16.3444, 14.8062, 19.4492

Monochromacy



Original Color

17.4799, 14.8598, 24.5012

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7175, 15.2170, 19.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4799, 14.8598, 24.5012 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(128, 97, 134)` looks like.

```
.text, #text, p{  
    color:rgb(128, 97, 134)  
}
```

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(128, 97, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 97, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.4799, 14.8598, 24.5012 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(128, 97, 134) }
```


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

```
.border{ border-color:rgb(128, 97, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 97, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 97, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 97, 134);  
box-shadow:4px 4px 4px 4px rgb(128, 97,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4799, 14.8598, 24.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 97, 134) }
```

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

```
.background{ background-color: rgb(128, 97,  
134) }
```

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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