

Converting Colors

XYZ(17.9732, 14.3016, 24.8032)

Have a look what the booklet for
XYZ(17.9732, 14.3016, 24.8032)
contains.

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Color

**XYZ(17.9458, 14.2998,
24.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	865B87
RGB	134, 91, 135
RGB Percent	53%, 36%, 53%
CMY	0.4745, 0.6431, 0.4706
CMYK	0.01, 0.33, 0.00, 0.47
HSL	299°, 19%, 44%
HSV	299°, 33%, 53%
XYZ	17.9458, 14.2998, 24.7360
YIQ	108.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

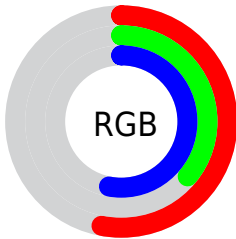
Format	Color
R_{YB}	134, 91, 135
Decimal	8805255
CIE _{Lab}	44.66, 25.38, -17.45
CIE _{LCh}	45, 30.799, 325.489
Yxy	14.2998, 0.3149, 0.2510
Android (android.graphics.Color)	4286995335 (0xFF865B87)
YUV	108.8730, 12.8806, 22.0364
Hunter-Lab	37.8151, 18.5339, -12.3129

Details

The XYZ color **17.9458, 14.2998, 24.7360** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.9665, 20.3590, 13.0391**, and the grayscale version is **14.4627, 15.2158, 16.5701**.

A 20% lighter version of the original color is **39.4891, 33.6682, 51.9943**, and **6.1077, 4.2962, 9.1017** is the 20% darker color. If you saturate the color by 10%, you get **16.8453, 12.1710, 24.3833**, and if you desaturate by 10%, it is **19.2550, 16.8452, 25.1585**.

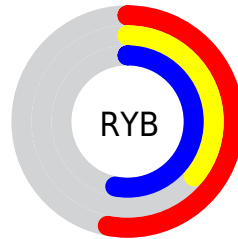
Distribution



Red (53%)

Green (36%)

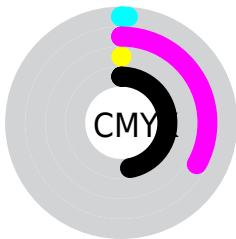
Blue (53%)



Red (53%)

Yellow (36%)

Blue (53%)

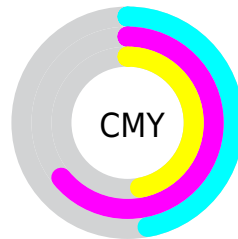


Cyan (1%)

Magenta (33%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9458, 14.2998, 24.7360 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 17.9458, 14.2998, 24.7360 by changing the saturation by 10% instead.

■ 17.9458, 14.2998,
24.7360

■ 17.9458, 14.2998,
24.7360

233.6169,
219.0880, 289.9261

■ 11.0105, 8.3295,
15.6632

■ 39.4758, 33.6200,
52.1874

■ 6.1413, 4.3065,
9.1344

■ 54.8012, 47.7387,
71.4032

■ 2.9726, 1.8464,
4.7309

■ 73.6540, 65.3424,
94.8370

■ 1.1393, 0.5159,
2.0343

■ 96.3996, 86.8153,
122.9074

■ 0.0576, 0.0000,
0.5763

123.4033,
112.5419, 156.0330

■ 0.0000, 0.0000,
0.0000

155.0305,

142.9067, 194.6323

191.6466,
178.2939, 239.1238

■ 17.9458, 14.2998,
24.7360

■ 17.9458, 14.2998,
24.7360

■ 16.8453, 12.1710,
24.3833

■ 19.2550, 16.8452,
25.1585

■ 15.9410, 10.4346,
24.0958

■ 20.7818, 19.8259,
25.6534

■ 15.2211, 9.0669,
23.8698

■ 22.5363, 23.2618,
26.2241

■ 14.6721, 8.0408,
23.7006

■ 24.5275, 27.1710,
26.8737

■ 14.2787, 7.3255,
23.5833

■ 26.7641, 31.5705,
27.6050

■ 14.0226, 6.8849,
23.5118

■ 29.2540, 36.4767,
28.4208

■ 13.8785, 6.6494,
23.4739

■ 32.0052, 41.9050,
29.3235

■ 35.0249, 47.8703,
30.3158

■ 38.3204, 54.3868,
31.3999

Harmonies

Analogous

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



15.7649, 14.2998, 31.5796



17.9458, 14.2998, 24.7360



18.9639, 14.2998, 16.6773

Triad

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



17.9458, 14.2998, 24.7360



13.9728, 14.2998, 5.4891



9.7007, 14.2998, 22.2712

Complementary

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



17.9458, 14.2998, 24.7360



14.9665, 20.3590, 13.0391

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.



9.3437, 14.2998, 14.5130



17.9458, 14.2998, 24.7360



11.6277, 14.2998, 6.1616

Square

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



17.9458, 14.2998, 24.7360



16.4984, 14.2998, 6.7634



10.0056, 14.2998, 9.0047



11.0479, 14.2998, 29.8775

Rectangle

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



17.9458, 14.2998, 24.7360



18.7653, 14.2998, 12.1781



10.0056, 14.2998, 9.0047



9.4685, 14.2998, 19.5398

Sweetspot

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



17.9463, 14.3004, 24.7363



37.9220, 36.8854, 46.1692



12.5559, 11.7095, 24.5203



8.6971, 8.3755, 10.6646



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.9463, 14.3004, 24.7363



30.6664, 22.7605, 43.8253



16.7972, 13.8593, 17.8496



4.8477, 4.7576, 5.8636



12.7992, 6.1324, 21.6458



0.0452, 0.0217, 0.0750

Inverse Universe

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



15.6650, 13.4064, 11.8879



25.9396, 20.9102, 17.1055



15.8776, 20.7120, 18.3549



4.6765, 4.6903, 4.9090



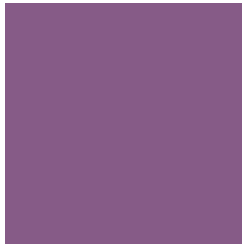
9.2298, 4.7563, 0.5164



0.0322, 0.0166, 0.0032

Previews

White Background



This preview shows how the XYZ color 17.9458, 14.2998, 24.7360 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 17.9458, 14.2998, 24.7360 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 17.9458, 14.2998, 24.7360

Background



This preview shows how black text looks on a background with the XYZ color 17.9458, 14.2998, 24.7360.



This preview shows how white text looks on a background with the XYZ color 17.9458, 14.2998,

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

17.9458, 14.2998, 24.7360

Protanopia

14.7785, 14.5272, 28.8132

Deuteranopia

14.7775, 14.4776, 24.2059



Tritanopia

16.0304, 14.3151, 15.2828

Trichromacy



Original Color

17.9458, 14.2998, 24.7360

Protanomaly

15.6716, 14.2886, 27.1313

Deuteranomaly

15.7043, 14.2223, 24.4717

Tritanomaly

16.6047, 14.2707, 18.4023

Monochromacy



Original Color

17.9458, 14.2998, 24.7360

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4926, 14.6623, 19.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9458, 14.2998, 24.7360 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(134, 91, 135)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 135)  
}
```

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(134, 91, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.9458, 14.2998, 24.7360 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(134, 91, 135) }
```


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

```
.border{ border-color:rgb(134, 91, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 91, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 135);  
box-shadow:4px 4px 4px 4px rgb(134, 91,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9458, 14.2998, 24.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 91, 135) }
```

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

```
.background{ background-color: rgb(134, 91,  
135) }
```

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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