

Converting Colors

XYZ(18.0214, 14.2994, 25.4133)

Have a look what the booklet for
XYZ(18.0214, 14.2994, 25.4133)
contains.

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Color

**XYZ(18.0880, 14.3566,
25.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	865B89
RGB	134, 91, 137
RGB Percent	53%, 36%, 54%
CMY	0.4745, 0.6431, 0.4627
CMYK	0.02, 0.34, 0.00, 0.46
HSL	296°, 20%, 45%
HSV	296°, 34%, 54%
XYZ	18.0880, 14.3566, 25.4847
YIQ	109.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

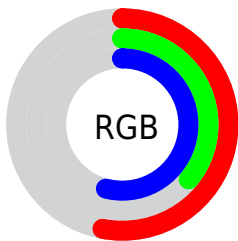
Format	Color
R_{YB}	134, 91, 137
Decimal	8805257
CIE _{Lab}	44.74, 25.79, -18.53
CIE _{LCh}	45, 31.756, 324.301
Yxy	14.3566, 0.3122, 0.2478
Android (android.graphics.Color)	4286995337 (0xFF865B89)
YUV	109.1010, 13.7542, 21.8364
Hunter-Lab	37.8901, 18.9048, -13.3551

Details

The XYZ color **18.0880, 14.3566, 25.4847** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4505, 21.0267, 13.1423**, and the grayscale version is **14.5249, 15.2813, 16.6413**.

A 20% lighter version of the original color is **39.7063, 33.7551, 53.1378**, and **6.1883, 4.3285, 9.5261** is the 20% darker color. If you saturate the color by 10%, you get **16.8805, 12.1517, 25.1230**, and if you desaturate by 10%, it is **19.5115, 16.9910, 25.9184**.

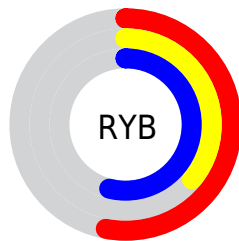
Distribution



Red (53%)

Green (36%)

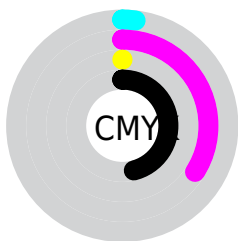
Blue (54%)



Red (53%)

Yellow (36%)

Blue (54%)

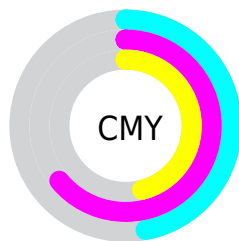


Cyan (2%)

Magenta (34%)

Yellow (0%)

Black (46%)



Cyan (47%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0880, 14.3566, 25.4847 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 18.0880, 14.3566, 25.4847 by changing the saturation by 10% instead.

■ 18.0880, 14.3566,
25.4847

■ 18.0880, 14.3566,
25.4847

234.4026,
219.4381, 293.7678

■ 11.1133, 8.3691,
16.2162

■ 39.7161, 33.7204,
53.4163

■ 6.2109, 4.3320,
9.5213

■ 55.1002, 47.8656,
72.9165

■ 3.0156, 1.8610,
4.9813

■ 74.0181, 65.4987,
96.6644

■ 1.1620, 0.5248,
2.1777

■ 96.8352, 87.0042,
125.0785

■ 0.0761, 0.0000,
0.6615

123.9169,
112.7665, 158.5774

■ 0.0000, 0.0000,
0.0000

155.6284,

143.1700, 197.5795

192.3352,
178.5991, 242.5035

■ 18.0880, 14.3566,
25.4847

■ 18.0880, 14.3566,
25.4847

■ 16.8805, 12.1517,
25.1230

■ 19.5115, 16.9910,
25.9184

■ 15.8758, 10.3512,
24.8284

■ 21.1603, 20.0746,
26.4267

■ 15.0618, 8.9300,
24.5970

■ 23.0450, 23.6280,
27.0132

■ 14.4242, 7.8600,
24.4240

■ 25.1749, 27.6702,
27.6812

■ 13.9468, 7.1085,
24.3042

■ 27.5590, 32.2190,
28.4335

■ 13.6099, 6.6364,
24.2308

■ 30.2058, 37.2913,
29.2731

■ 13.4277, 6.4006,
24.1949

■ 33.1233, 42.9032,
30.2025

■ 36.3193, 49.0703,
31.2244

■ 39.8011, 55.8073,
32.3413

Harmonies

Analogous

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



15.7926, 14.3566, 32.5039



18.0880, 14.3566, 25.4847



19.2066, 14.3566, 17.0870

Triad

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



18.0880, 14.3566, 25.4847



14.1446, 14.3566, 5.3220



9.6020, 14.3566, 22.2445

Complementary

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



18.0880, 14.3566, 25.4847



15.4505, 21.0267, 13.1423

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.



9.2771, 14.3566, 14.2618



18.0880, 14.3566, 25.4847



11.7025, 14.3566, 5.9234

Square

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



18.0880, 14.3566, 25.4847



16.7528, 14.3566, 6.6941



9.9974, 14.3566, 8.7156



10.9484, 14.3566, 30.2571

Rectangle

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



18.0880, 14.3566, 25.4847



19.0446, 14.3566, 12.3759



9.9974, 14.3566, 8.7156



9.3774, 14.3566, 19.4141

Sweetspot

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



18.0885, 14.3572, 25.4850



38.9781, 37.9887, 47.6614



12.8389, 12.0481, 25.3160



8.6535, 8.3530, 10.6625



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.



18.0885, 14.3572, 25.4850



30.7753, 22.7516, 45.1526



17.2728, 14.0870, 18.6593



5.2022, 5.1127, 6.3185



12.5116, 5.9641, 22.5374



0.0876, 0.0419, 0.1499

Inverse Universe

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



16.0784, 13.6092, 12.3695



26.6542, 21.2249, 17.9499



16.1261, 21.2620, 18.2742



5.0452, 5.0535, 5.3267



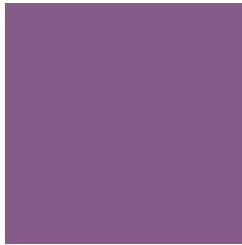
9.6572, 4.9730, 0.6992



0.0657, 0.0336, 0.0126

Previews

White Background



This preview shows how the XYZ color 18.0880, 14.3566, 25.4847 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 18.0880, 14.3566, 25.4847 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 18.0880, 14.3566, 25.4847

Background



This preview shows how black text looks on a background with the XYZ color 18.0880, 14.3566, 25.4847.



This preview shows how white text looks on a background with the XYZ color 18.0880, 14.3566,

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

18.0880, 14.3566, 25.4847

Protanopia

14.8322, 14.5369, 29.6279

Deuteranopia

14.8030, 14.4747, 24.9354



Tritanopia

16.0304, 14.3151, 15.2828

Trichromacy



Original Color

18.0880, 14.3566, 25.4847

Protanomaly

15.6994, 14.2857, 27.9166

Deuteranomaly

15.8452, 14.2787, 25.2135

Tritanomaly

16.6632, 14.2941, 18.7104

Monochromacy



Original Color

18.0880, 14.3566, 25.4847

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5524, 14.6862, 19.4678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0880, 14.3566, 25.4847 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 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(134, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.0880, 14.3566, 25.4847 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, 137) }
```


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

```
.border{ border-color:rgb(134, 91, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 91,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0880, 14.3566, 25.4847 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, 137) }
```

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

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