

Converting Colors

XYZ(18.3846, 15.5208, 22.4591)

Have a look what the booklet for
XYZ(18.3846, 15.5208, 22.4591)
contains.

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Color

**XYZ(18.4173, 15.5281,
22.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	886280
RGB	136, 98, 128
RGB Percent	53%, 38%, 50%
CMY	0.4667, 0.6157, 0.4980
CMYK	0.00, 0.28, 0.06, 0.47
HSL	313°, 16%, 46%
HSV	313°, 28%, 53%
XYZ	18.4173, 15.5281, 22.4486
YIQ	112.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

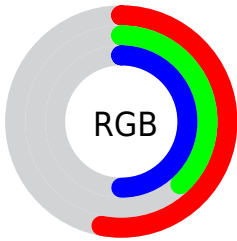
Format	Color
R_{YB}	136, 98, 128
Decimal	8938112
CIE _{Lab}	46.35, 20.59, -10.65
CIE _{LCh}	46, 23.180, 332.640
Yxy	15.5281, 0.3266, 0.2754
Android (android.graphics.Color)	4287128192 (0xFF886280)
YUV	112.7820, 7.5025, 20.3622
Hunter-Lab	39.4057, 14.4667, -6.1923

Details

The XYZ color **18.4173, 15.5281, 22.4486** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.4433, 21.2461, 16.8708**, and the grayscale version is **15.6076, 16.4204, 17.8819**.

A 20% lighter version of the original color is **40.3231, 35.7782, 48.4967**, and **6.4329, 4.9106, 8.0059** is the 20% darker color. If you saturate the color by 10%, you get **17.0656, 13.1219, 21.0814**, and if you desaturate by 10%, it is **19.9915, 18.3703, 23.9166**.

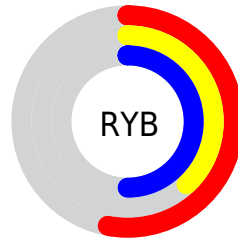
Distribution



Red (53%)

Green (38%)

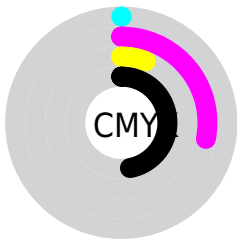
Blue (50%)



Red (53%)

Yellow (38%)

Blue (50%)

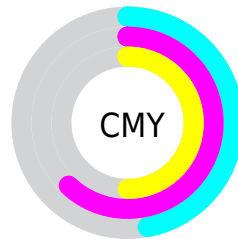


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4173, 15.5281, 22.4486 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 18.4173, 15.5281, 22.4486 by changing the saturation by 10% instead.

■ 18.4173, 15.5281,
22.4486

■ 18.4173, 15.5281,
22.4486

236.2131,
226.5408, 277.9096

■ 11.3515, 9.1909,
13.9854

■ 40.2717, 35.7770,
48.3980

■ 6.3728, 4.8659,
7.9719

■ 55.7909, 50.4574,
66.7213

■ 3.1159, 2.1688,
3.9895

■ 74.8587, 68.6877,
89.1684

■ 1.2153, 0.7029,
1.6196

■ 97.8404, 90.8523,
116.1578

■ 0.1184, 0.0000,
0.3047

125.1013,
117.3355, 148.1081

■ 0.0000, 0.0000,
0.0000

157.0068,

148.5217, 185.4378

193.9223,
184.7953, 228.5655

■ 18.4173, 15.5281,
22.4486

■ 18.4173, 15.5281,
22.4486

■ 17.0656, 13.1219,
21.0814

■ 19.9915, 18.3703,
23.9166

■ 15.9240, 11.1277,
19.8100

■ 21.7969, 21.6667,
25.4880

■ 14.9811, 9.5225,
18.6307

■ 23.8437, 25.4371,
27.1665

■ 14.2237, 8.2799,
17.5388

■ 26.1408, 29.6994,
28.9553

■ 13.6371, 7.3707,
16.5293

■ 28.6967, 34.4706,
30.8574

■ 13.2041, 6.7607,
15.5961

■ 31.5196, 39.7669,
32.8758

■ 12.8884, 6.3769,
14.7269

■ 34.6173, 45.6039,
35.0133

■ 12.8267, 6.3036,
14.5520

■ 37.9972, 51.9963,
37.2726

■ 41.6665, 58.9584,
39.6561

Harmonies

Analogous

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



16.9162, 15.5281, 27.8912



18.4173, 15.5281, 22.4486



18.9121, 15.5281, 16.4086

Triad

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



18.4173, 15.5281, 22.4486



14.5838, 15.5281, 8.1661



11.7710, 15.5281, 23.5194

Complementary

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



18.4173, 15.5281, 22.4486



16.4433, 21.2461, 16.8708

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.



11.2633, 15.5281, 17.4163



18.4173, 15.5281, 22.4486



12.7935, 15.5281, 9.2685

Square

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



18.4173, 15.5281, 22.4486



16.5846, 15.5281, 8.9351



11.6204, 15.5281, 12.3626



13.0725, 15.5281, 28.6005

Rectangle

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



18.4173, 15.5281, 22.4486



18.5718, 15.5281, 13.0369



11.6204, 15.5281, 12.3626



11.5074, 15.5281, 21.4769

Sweetspot

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



18.4178, 15.5288, 22.4489



38.3328, 38.0372, 44.8498



14.7087, 13.5534, 25.1337



8.7719, 8.6155, 10.2971



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.



18.4178, 15.5288, 22.4489



30.7959, 24.4014, 37.9040



17.3035, 15.0831, 16.5812



5.1895, 5.1112, 6.0864



12.1433, 5.9674, 13.7909



0.0859, 0.0417, 0.1191

Inverse Universe

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



18.4178, 15.5288, 22.4489



30.7959, 24.4014, 37.9040



17.5179, 21.6759, 22.5294



5.1895, 5.1112, 6.0864



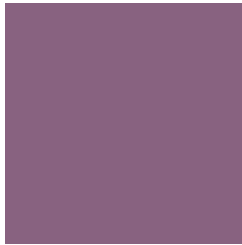
12.1433, 5.9674, 13.7909



0.0859, 0.0417, 0.1191

Previews

White Background



This preview shows how the XYZ color 18.4173, 15.5281, 22.4486 looks on a white background.

Color Contrast Check

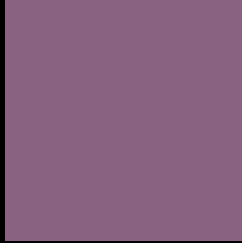
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4173, 15.5281, 22.4486 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 18.4173, 15.5281, 22.4486

Background



This preview shows how black text looks on a background with the XYZ color 18.4173, 15.5281, 22.4486.



This preview shows how white text looks on a background with the XYZ color 18.4173, 15.5281,

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

18.4173, 15.5281, 22.4486

Protanopia

15.5507, 15.6296, 25.1189

Deuteranopia

15.8336, 15.5325, 21.9022



Tritanopia

17.2455, 15.4798, 16.5470

Trichromacy



Original Color

18.4173, 15.5281, 22.4486

Protanomaly

16.4189, 15.4821, 23.9528

Deuteranomaly

16.6662, 15.4979, 22.1917

Tritanomaly

17.7012, 15.5262, 18.5869

Monochromacy



Original Color

18.4173, 15.5281, 22.4486

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5177, 16.0981, 19.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4173, 15.5281, 22.4486 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(136, 98, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 98, 128)  
}
```

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(136, 98, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 98, 128) }
```

Border

The CSS property to change the border of an element to XYZ 18.4173, 15.5281, 22.4486 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(136, 98, 128) }
```


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

```
.border{ border-color:rgb(136, 98, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 98, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 98, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 98, 128);  
box-shadow:4px 4px 4px 4px rgb(136, 98,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4173, 15.5281, 22.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 98, 128) }
```

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

```
.background{ background-color: rgb(136, 98,  
128) }
```

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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