

Converting Colors

XYZ(18.9208, 16.1594, 25.3189)

Have a look what the booklet for
XYZ(18.9208, 16.1594, 25.3189)
contains.

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Color

**XYZ(18.9291, 16.1533,
25.4128)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 866588 |
| RGB | 134, 101, 136 |
| RGB Percent | 53%, 40%, 53% |
| CMY | 0.4745, 0.6039, 0.4667 |
| CMYK | 0.01, 0.26, 0.00, 0.47 |
| HSL | 297°, 15%, 46% |
| HSV | 297°, 26%, 53% |
| XYZ | 18.9291, 16.1533, 25.4128 |
| YIQ | 114.8570, 8.4330, 17.8810 |

Conversions

Conversions Part 2

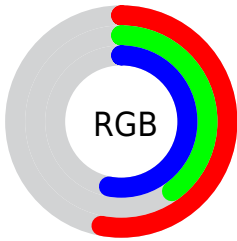
| Format | Color |
|-------------------------------------|---|
| RYB | 134, 101, 136 |
| Decimal | 8807816 |
| CIELab | 47.17, 19.68, -14.22 |
| CIELCh | 47, 24.280, 324.162 |
| Yxy | 16.1533, 0.3129, 0.2670 |
| Android (android.graphics.Color) | 4286997896 (0xFF866588) |
| YUV | 114.8570, 10.4235, 16.7884 |
| Hunter-Lab | 40.1912, 13.7348, -9.3551 |

Details

The XYZ color **18.9291, 16.1533, 25.4128** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7473, 21.4319, 15.5669**, and the grayscale version is **16.2205, 17.0652, 18.5840**.

A 20% lighter version of the original color is **41.1526, 36.8220, 53.0825**, and **6.6550, 5.1950, 9.4561** is the 20% darker color. If you saturate the color by 10%, you get **17.5931, 13.6642, 25.0030**, and if you desaturate by 10%, it is **20.4856, 19.0813, 25.8962**.

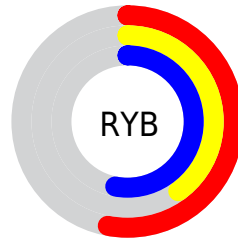
Distribution



Red (53%)

Green (40%)

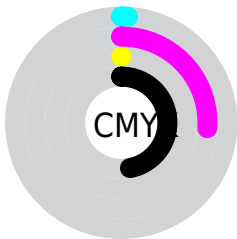
Blue (53%)



Red (53%)

Yellow (40%)

Blue (53%)

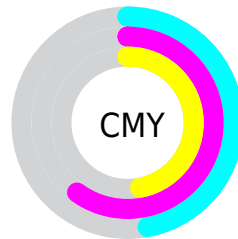


Cyan (1%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9291, 16.1533, 25.4128 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 18.9291, 16.1533, 25.4128 by changing the saturation by 10% instead.

■ 18.9291, 16.1533,
25.4128

■ 18.9291, 16.1533,
25.4128

239.0027,
230.2446, 293.4007

■ 11.7228, 9.6327,
16.1631

■ 41.1321, 36.8641,
53.2985

■ 6.6260, 5.1561,
9.4840

■ 56.8594, 51.8232,
72.7716

■ 3.2736, 2.3391,
4.9571

■ 76.1578, 70.3638,
96.4895

■ 1.3000, 0.7943,
2.1638

■ 99.3925, 92.8704,
124.8708

■ 0.1833, 0.0000,
0.6534

126.9291,
119.7274, 158.3340

■ 0.0000, 0.0000,
0.0000

159.1327,

151.3192, 197.2977

196.3688,
188.0301, 242.1804

■ 18.9291, 16.1533,
25.4128

■ 18.9291, 16.1533,
25.4128

■ 17.5931, 13.6642,
25.0030

■ 20.4856, 19.0813,
25.8962

■ 16.4653, 11.5905,
24.6622

■ 22.2710, 22.4662,
26.4554

■ 15.5345, 9.9095,
24.3868

■ 24.2952, 26.3273,
27.0940

■ 14.7880, 8.5957,
24.1725

■ 26.5671, 30.6825,
27.8149

■ 14.2114, 7.6203,
24.0147

■ 29.0952, 35.5486,
28.6209

■ 13.7883, 6.9507,
23.9077

■ 31.8873, 40.9415,
29.5147

■ 13.4935, 6.5363,
23.8433

■ 34.9513, 46.8766,
30.4988

■ 13.3804, 6.3845,
23.8199

■ 38.2943, 53.3685,
31.5756

■ 41.9236, 60.4315,
32.7477

Harmonies

Analogous

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



17.0964, 16.1533, 30.6505



18.9291, 16.1533, 25.4128



19.8120, 16.1533, 18.8120

Triad

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



18.9291, 16.1533, 25.4128



15.7748, 16.1533, 8.2902



11.9026, 16.1533, 22.8552

Complementary

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



18.9291, 16.1533, 25.4128



16.7473, 21.4319, 15.5669

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.



11.6193, 16.1533, 16.4187



18.9291, 16.1533, 25.4128



13.7328, 16.1533, 8.8913

Square

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



18.9291, 16.1533, 25.4128



17.8856, 16.1533, 9.6723



12.2587, 16.1533, 11.5612



13.0720, 16.1533, 28.9503

Rectangle

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



18.9291, 16.1533, 25.4128



19.6896, 16.1533, 14.8646



12.2587, 16.1533, 11.5612



11.7054, 16.1533, 20.6257

Sweetspot

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



18.9296, 16.1540, 25.4131



38.4416, 38.0597, 46.3685



14.6950, 14.3121, 25.2808



8.8011, 8.6215, 10.7066



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.



18.9296, 16.1540, 25.4131



31.9149, 25.7713, 44.3406



18.2486, 15.9188, 20.1471



5.2061, 5.1147, 6.3187



12.6667, 6.0440, 22.5447



0.0881, 0.0422, 0.1500

Inverse Universe

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



17.2558, 15.5217, 14.9194



28.4512, 24.4663, 22.4655



17.3337, 21.6403, 19.8380



5.0437, 5.0529, 5.3187



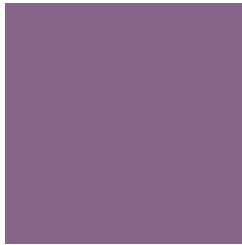
9.6513, 4.9707, 0.6684



0.0654, 0.0335, 0.0114

Previews

White Background



This preview shows how the XYZ color 18.9291, 16.1533, 25.4128 looks on a white background.

Color Contrast Check

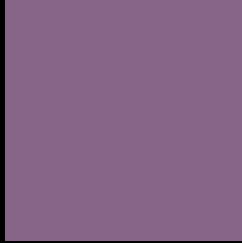
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9291, 16.1533, 25.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

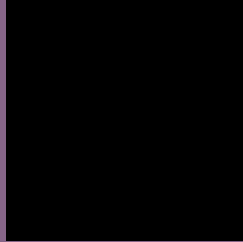
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.9291, 16.1533, 25.4128

Background



This preview shows how black text looks on a background with the XYZ color 18.9291, 16.1533, 25.4128.



This preview shows how white text looks on a background with the XYZ color 18.9291, 16.1533,

25.4128.

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

18.9291, 16.1533, 25.4128

Protanopia

16.3513, 16.2951, 28.2701

Deuteranopia

16.5611, 16.3178, 24.8310



Tritanopia

17.3923, 16.1207, 17.8177

Trichromacy



Original Color

18.9291, 16.1533, 25.4128

Protanomaly

17.0616, 16.0537, 27.0104

Deuteranomaly

17.3766, 16.2577, 25.1439

Tritanomaly

17.9172, 16.1866, 20.2692

Monochromacy



Original Color

18.9291, 16.1533, 25.4128

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.1771, 16.7195, 21.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9291, 16.1533, 25.4128 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, 101, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 101, 136)  
}
```

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, 101, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 101, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.9291, 16.1533, 25.4128 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, 101, 136) }
```


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

```
.border{ border-color:rgb(134, 101, 136) }
```

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

Here you see how a box with a 4 pixel rgb(134, 101, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 101, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 101, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 101,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9291, 16.1533, 25.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 101, 136) }
```

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

```
.background{ background-color: rgb(134,  
101, 136) }
```

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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