

Converting Colors

XYZ(18.5917, 16.8173, 24.7564)

Have a look what the booklet for
XYZ(18.5917, 16.8173, 24.7564)
contains.

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Color

**XYZ(18.6140, 16.9037,
24.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	816B86
RGB	129, 107, 134
RGB Percent	51%, 42%, 53%
CMY	0.4941, 0.5804, 0.4745
CMYK	0.04, 0.20, 0.00, 0.47
HSL	289°, 11%, 47%
HSV	289°, 20%, 53%
XYZ	18.6140, 16.9037, 24.8359
YIQ	116.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

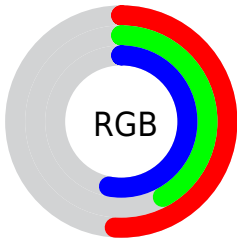
Format	Color
R_{YB}	129, 107, 134
Decimal	8481670
CIE _{Lab}	48.14, 13.90, -11.62
CIE _{LCh}	48, 18.116, 320.117
Yxy	16.9037, 0.3084, 0.2801
Android (android.graphics.Color)	4286671750 (0xFF816B86)
YUV	116.6560, 8.5506, 10.8257
Hunter-Lab	41.1141, 8.8644, -7.0356

Details

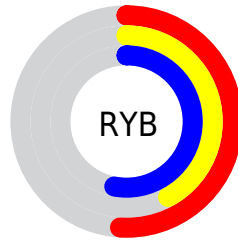
The XYZ color **18.6140, 16.9037, 24.8359** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.8616, 21.5569, 17.1302**, and the grayscale version is **16.7760, 17.6497, 19.2205**.

A 20% lighter version of the original color is **40.4879, 37.9867, 52.2119**, and **6.4405, 5.5341, 9.1162** is the 20% darker color. If you saturate the color by 10%, you get **16.9516, 14.1314, 24.3887**, and if you desaturate by 10%, it is **20.5031, 20.1152, 25.3565**.

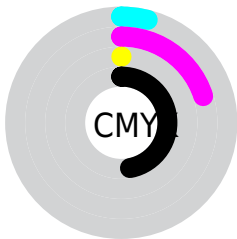
Distribution



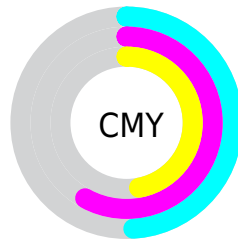
- Red (51%)
- Green (42%)
- Blue (53%)



- Red (51%)
- Yellow (42%)
- Blue (53%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6140, 16.9037, 24.8359 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 18.6140, 16.9037, 24.8359 by changing the saturation by 10% instead.

■ 18.6140, 16.9037,
24.8359

■ 18.6140, 16.9037,
24.8359

237.2887,
234.6168, 290.4412

■ 11.4940, 10.1659,
15.7369

■ 40.6028, 38.1601,
52.3517

■ 6.4699, 5.5091,
9.1859

■ 56.2023, 53.4475,
71.6056

■ 3.1762, 2.5489,
4.7641

■ 75.3590, 72.3535,
95.0816

■ 1.2476, 0.9011,
2.0532

■ 98.4384, 95.2625,
123.1981

■ 0.1435, 0.0000,
0.5877

125.8056,
122.5590, 156.3738

■ 0.0000, 0.0000,
0.0000

157.8262,

154.6273, 195.0272

194.8654,
191.8517, 239.5768

■ 18.6140, 16.9037,
24.8359

■ 18.6140, 16.9037,
24.8359

■ 16.9516, 14.1314,
24.3887

■ 20.5031, 20.1152,
25.3565

■ 15.5043, 11.7762,
24.0103

■ 22.6268, 23.7824,
25.9524

■ 14.2619, 9.8174,
23.6977

■ 24.9943, 27.9235,
26.6269

■ 13.2127, 8.2316,
23.4469

■ 27.6140, 32.5551,
27.3828

■ 12.3436, 6.9928,
23.2536

■ 30.4939, 37.6932,
28.2228

■ 11.6400, 6.0719,
23.1130

■ 33.6415, 43.3526,
29.1493

■ 11.0848, 5.4348,
23.0193

■ 37.0641, 49.5480,
30.1647

■ 10.6326, 4.9842,
22.9561

■ 40.7688, 56.2931,
31.2714

■ 44.7622, 63.6014,
32.4716

Harmonies

Analogous

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



17.1774, 16.9037, 28.2723



18.6140, 16.9037, 24.8359



19.3832, 16.9037, 20.0018

Triad

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



18.6140, 16.9037, 24.8359



16.6146, 16.9037, 10.8549



13.2795, 16.9037, 21.6950

Complementary

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



18.6140, 16.9037, 24.8359



17.8616, 21.5569, 17.1302

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.



13.1515, 16.9037, 16.8960



18.6140, 16.9037, 24.8359



15.0044, 16.9037, 11.1512

Square

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



18.6140, 16.9037, 24.8359



18.1780, 16.9037, 12.3002



13.7627, 16.9037, 13.1931



14.1252, 16.9037, 26.2555

Rectangle

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



18.6140, 16.9037, 24.8359



19.3806, 16.9037, 16.8616



13.7627, 16.9037, 13.1931



13.1534, 16.9037, 20.0404

Sweetspot

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



18.6145, 16.9044, 24.8363



37.5760, 37.9368, 45.0805



16.2055, 16.5246, 24.8899



8.4220, 8.4718, 10.1440



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.



18.6145, 16.9044, 24.8363



31.4653, 27.5505, 43.3978



18.8491, 17.0882, 22.0102



4.7756, 4.7204, 5.8602



9.9725, 4.6752, 21.5135



0.0400, 0.0190, 0.0748

Inverse Universe

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



18.0144, 16.7543, 17.6144



30.2403, 27.2524, 28.2809



17.6893, 21.4165, 19.4520



4.7052, 4.7018, 5.0600



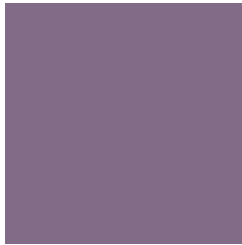
9.3793, 4.8161, 1.3040



0.0345, 0.0175, 0.0151

Previews

White Background



This preview shows how the XYZ color 18.6140, 16.9037, 24.8359 looks on a white background.

Color Contrast Check

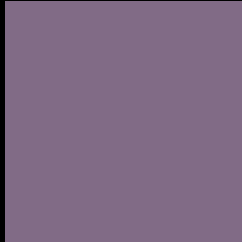
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6140, 16.9037, 24.8359 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 18.6140, 16.9037, 24.8359

Background



This preview shows how black text looks on a background with the XYZ color 18.6140, 16.9037, 24.8359.



This preview shows how white text looks on a background with the XYZ color 18.6140, 16.9037,

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

18.6140, 16.9037, 24.8359

Protanopia

16.7992, 16.8964, 26.4207

Deuteranopia

17.3639, 17.0637, 24.5687



Tritanopia

17.5983, 16.9719, 19.4879

Trichromacy



Original Color

18.6140, 16.9037, 24.8359

Protanomaly

17.4023, 16.8880, 26.0094

Deuteranomaly

17.6947, 16.9103, 24.5217

Tritanomaly

18.0088, 16.9817, 21.3974

Monochromacy



Original Color

18.6140, 16.9037, 24.8359

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3654, 17.3053, 21.1639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6140, 16.9037, 24.8359 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(129, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(129, 107, 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(129, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 107, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.6140, 16.9037, 24.8359 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(129, 107, 134) }
```


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

```
.border{ border-color:rgb(129, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(129, 107,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6140, 16.9037, 24.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 107, 134) }
```

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

```
.background{ background-color: rgb(129,  
107, 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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