

Converting Colors

XYZ(18.1131, 17.2964, 24.7655)

Have a look what the booklet for
XYZ(18.1131, 17.2964, 24.7655)
contains.

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Color

**XYZ(18.1559, 17.3011,
24.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6F86
RGB	123, 111, 134
RGB Percent	48%, 44%, 53%
CMY	0.5176, 0.5647, 0.4745
CMYK	0.08, 0.17, 0.00, 0.47
HSL	271°, 9%, 48%
HSV	271°, 17%, 53%
XYZ	18.1559, 17.3011, 24.9368
YIQ	117.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

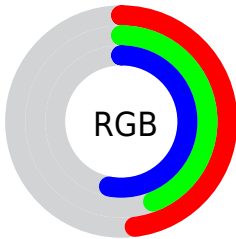
Format	Color
R_{YB}	123, 111, 134
Decimal	8089478
CIE Lab	48.64, 9.35, -10.92
CIE LCh	49, 14.377, 310.567
Yxy	17.3011, 0.3006, 0.2865
Android (android.graphics.Color)	4286279558 (0xFF7B6F86)
YUV	117.2100, 8.2775, 5.0778
Hunter-Lab	41.5946, 5.1241, -6.4293

Details

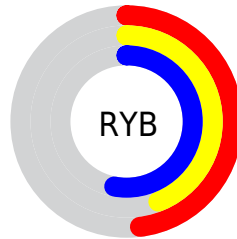
The XYZ color **18.1559, 17.3011, 24.9368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4211, 22.3360, 18.3275**, and the grayscale version is **16.9493, 17.8320, 19.4190**.

A 20% lighter version of the original color is **39.9713, 39.0123, 52.4371**, and **6.2018, 5.6510, 9.1514** is the 20% darker color. If you saturate the color by 10%, you get **15.9151, 14.1362, 24.4443**, and if you desaturate by 10%, it is **20.6771, 20.9371, 25.5060**.

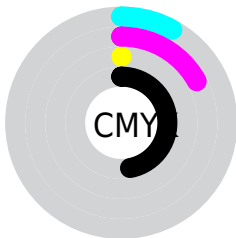
Distribution



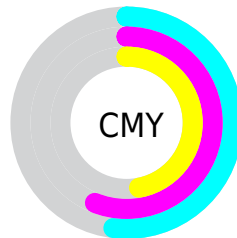
- Red (48%)
- Green (44%)
- Blue (53%)



- Red (48%)
- Yellow (44%)
- Blue (53%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1559, 17.3011, 24.9368 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 18.1559, 17.3011, 24.9368 by changing the saturation by 10% instead.

■ 18.1559, 17.3011,
24.9368

■ 18.1559, 17.3011,
24.9368

234.7769,
236.9016, 290.9606

■ 11.1623, 10.4494,
15.8114

■ 39.8308, 38.8427,
52.5175

■ 6.2442, 5.6979,
9.2379

■ 55.2428, 54.3015,
71.8099

■ 3.0362, 2.6623,
4.7977

■ 74.1918, 73.3980,
95.3284

■ 1.1729, 0.9581,
2.0724

■ 97.0429, 96.5168,
123.4914

■ 0.0848, 0.0000,
0.5993

124.1617,
124.0421, 156.7177

■ 0.0000, 0.0000,
0.0000

155.9133,

156.3584, 195.4256

192.6633,
193.8501, 240.0337

■ 18.1559, 17.3011,
24.9368

■ 18.1559, 17.3011,
24.9368

■ 15.9151, 14.1362,
24.4443

■ 20.6771, 20.9371,
25.5060

■ 13.9424, 11.4202,
24.0240

■ 23.4875, 25.0609,
26.1539

■ 12.2265, 9.1322,
23.6728

■ 26.5971, 29.6910,
26.8837

■ 10.7549, 7.2489,
23.3869

■ 30.0153, 34.8442,
27.6982

■ 9.5138, 5.7447,
23.1619

■ 33.7509, 40.5367,
28.6000

■ 8.4880, 4.5907,
22.9933

■ 37.8122, 46.7837,
29.5918

■ 7.6598, 3.7539,
22.8754

■ 42.2074, 53.6001,
30.6758

■ 6.9966, 3.1710,
22.7979

■ 46.9443, 61.0001,
31.8545

■ 6.8223, 3.0199,
22.7779

■ 52.0305, 68.9973,
33.1301

Harmonies

Analogous

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



16.9154, 17.3011, 26.9523



18.1559, 17.3011, 24.9368



18.9636, 17.3011, 21.3692

Triad

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



18.1559, 17.3011, 24.9368



17.3058, 17.3011, 12.7652



14.0665, 17.3011, 20.2068

Complementary

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



18.1559, 17.3011, 24.9368



19.4211, 22.3360, 18.3275

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.



14.1584, 17.3011, 16.5149



18.1559, 17.3011, 24.9368



15.9818, 17.3011, 12.5414

Square

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



18.1559, 17.3011, 24.9368



18.4548, 17.3011, 14.4833



14.8436, 17.3011, 13.8246



14.5852, 17.3011, 23.9882

Rectangle

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



18.1559, 17.3011, 24.9368



19.1234, 17.3011, 18.7659



14.8436, 17.3011, 13.8246



14.0277, 17.3011, 18.9102

Sweetspot

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



18.1564, 17.3018, 24.9372



37.4046, 38.3086, 45.1613



17.8332, 19.0492, 25.2915



8.3628, 8.5370, 10.1597



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.



18.1564, 17.3018, 24.9372



30.2323, 27.9862, 43.5469



19.7929, 18.1485, 24.8744



4.6490, 4.6552, 5.8543



6.4059, 2.8365, 21.3466



0.0306, 0.0142, 0.0743

Inverse Universe

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



19.0294, 17.8432, 20.8544



32.1322, 29.1638, 34.6837



17.9717, 21.5863, 18.3701



4.7584, 4.7231, 5.3402



10.0887, 5.0998, 5.0393



0.0386, 0.0191, 0.0367

Previews

White Background



This preview shows how the XYZ color 18.1559, 17.3011, 24.9368 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 18.1559, 17.3011, 24.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

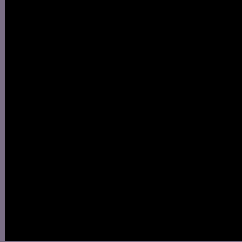
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1559, 17.3011, 24.9368

Background



This preview shows how black text looks on a background with the XYZ color 18.1559, 17.3011, 24.9368.



This preview shows how white text looks on a background with the XYZ color 18.1559, 17.3011,

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

18.1559, 17.3011, 24.9368

Protanopia

17.1302, 17.4185, 25.7518

Deuteranopia

17.6794, 17.3830, 24.9777



Tritanopia

17.3031, 17.2803, 20.8358

Trichromacy



Original Color

18.1559, 17.3011, 24.9368

Protanomaly

17.4607, 17.4287, 25.3655

Deuteranomaly

17.8430, 17.3026, 24.9536

Tritanomaly

17.5861, 17.2323, 22.1379

Monochromacy



Original Color

18.1559, 17.3011, 24.9368

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3136, 17.6135, 21.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1559, 17.3011, 24.9368 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(123, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(123, 111, 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(123, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.1559, 17.3011, 24.9368 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(123, 111, 134) }
```


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

```
.border{ border-color:rgb(123, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(123, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1559, 17.3011, 24.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 111, 134) }
```

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

```
.background{ background-color: rgb(123,  
111, 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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