

Converting Colors

XYZ(19.0476, 17.8160, 23.6991)

Have a look what the booklet for
XYZ(19.0476, 17.8160, 23.6991)
contains.

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Color

**XYZ(19.0738, 17.8059,
23.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	836F82
RGB	131, 111, 130
RGB Percent	51%, 44%, 51%
CMY	0.4863, 0.5647, 0.4902
CMYK	0.00, 0.15, 0.01, 0.49
HSL	303°, 8%, 47%
HSV	303°, 15%, 51%
XYZ	19.0738, 17.8059, 23.5507
YIQ	119.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

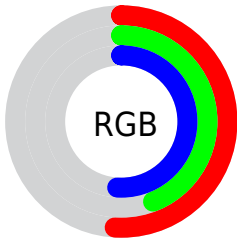
Format	Color
R_{YB}	131, 111, 130
Decimal	8613762
CIE _{Lab}	49.26, 11.44, -7.54
CIE _{LCh}	49, 13.699, 326.619
Yxy	17.8059, 0.3156, 0.2947
Android (android.graphics.Color)	4286803842 (0xFF836F82)
YUV	119.1460, 5.3510, 10.3960
Hunter-Lab	42.1970, 6.8403, -3.5526

Details

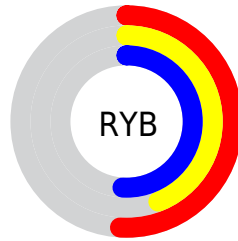
The XYZ color **19.0738, 17.8059, 23.5507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5972, 20.7825, 18.4142**, and the grayscale version is **17.5635, 18.4782, 20.1228**.

A 20% lighter version of the original color is **41.4116, 39.8036, 50.3000**, and **6.6560, 5.8984, 8.5723** is the 20% darker color. If you saturate the color by 10%, you get **17.7043, 15.1368, 22.8781**, and if you desaturate by 10%, it is **20.6543, 20.8960, 24.2954**.

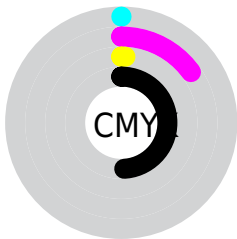
Distribution



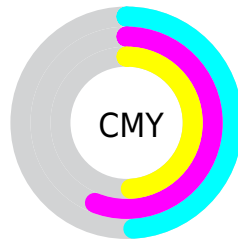
- Red (51%)
- Green (44%)
- Blue (51%)



- Red (51%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0738, 17.8059, 23.5507 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 19.0738, 17.8059, 23.5507 by changing the saturation by 10% instead.

■ 19.0738, 17.8059,
23.5507

■ 19.0738, 17.8059,
23.5507

239.7862,
239.7747, 283.7541

■ 11.8279, 10.8107,
14.7916

■ 41.3747, 39.7063,
50.2306

■ 6.6980, 5.9397,
8.5282

■ 57.1604, 55.3803,
68.9885

■ 3.3186, 2.8085,
4.3422

■ 76.5235, 74.7161,
91.9163

■ 1.3244, 1.0326,
1.8149

■ 99.8292, 98.0980,
119.4326

■ 0.2014, 0.0000,
0.4377

127.4430,
125.9104, 151.9560

■ 0.0000, 0.0000,
0.0000

159.7302,

158.5377, 189.9051

197.0561,
196.3644, 233.6982

■ 19.0738, 17.8059,
23.5507

■ 19.0738, 17.8059,
23.5507

■ 17.7043, 15.1368,
22.8781

■ 20.6543, 20.8960,
24.2954

■ 16.5351, 12.8682,
22.2735

■ 22.4527, 24.4217,
25.1139

■ 15.5570, 10.9812,
21.7339

■ 24.4776, 28.4001,
26.0094

■ 14.7594, 9.4549,
21.2559

■ 26.7367, 32.8463,
26.9842

■ 14.1308, 8.2659,
20.8355

■ 29.2373, 37.7750,
28.0410

■ 13.6580, 7.3884,
20.4685

■ 31.9863, 43.2002,
29.1820

■ 13.3265, 6.7927,
20.1499

■ 34.9904, 49.1352,
30.4094

■ 13.1139, 6.4345,
19.8724

■ 38.2561, 55.5928,
31.7254

■ 13.0268, 6.2920,
19.7460

■ 41.7896, 62.5856,
33.1320

Harmonies

Analogous

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



18.0562, 17.8059, 26.4326



19.0738, 17.8059, 23.5507



19.5143, 17.8059, 19.8083

Triad

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



19.0738, 17.8059, 23.5507



17.0702, 17.8059, 13.1428



14.8083, 17.8059, 22.7367

Complementary

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



19.0738, 17.8059, 23.5507



17.5972, 20.7825, 18.4142

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.



14.5737, 17.8059, 18.9729



19.0738, 17.8059, 23.5507



15.8401, 17.8059, 13.7208

Square

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



19.0738, 17.8059, 23.5507



18.3212, 17.8059, 14.0552



14.9421, 17.8059, 15.7465



15.5996, 17.8059, 25.9224

Rectangle

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



19.0738, 17.8059, 23.5507



19.4056, 17.8059, 17.4320



14.9421, 17.8059, 15.7465



14.6635, 17.8059, 21.4843

Sweetspot

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



19.0743, 17.8067, 23.5511



37.0323, 37.5085, 43.5283



16.4641, 16.4532, 23.7811



8.5796, 8.6500, 10.1147



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.



19.0743, 17.8067, 23.5511



33.3450, 30.3019, 41.7812



18.4353, 17.5511, 20.1860



4.8481, 4.7589, 5.8124



12.8230, 6.1936, 19.4382



0.0452, 0.0218, 0.0714

Inverse Universe

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



19.0743, 17.8067, 23.5511



33.3450, 30.3019, 41.7812



18.1853, 21.0178, 21.5114



4.8481, 4.7589, 5.8124



12.8230, 6.1936, 19.4382



0.0452, 0.0218, 0.0714

Previews

White Background



This preview shows how the XYZ color 19.0738, 17.8059, 23.5507 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 19.0738, 17.8059, 23.5507 looks on a black 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

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

XYZ 19.0738, 17.8059, 23.5507

Background



This preview shows how black text looks on a background with the XYZ color 19.0738, 17.8059, 23.5507.



This preview shows how white text looks on a background with the XYZ color 19.0738, 17.8059,

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

19.0738, 17.8059, 23.5507

Protanopia

17.4185, 17.7616, 24.7006

Deuteranopia

18.1481, 17.8306, 23.2540



Tritanopia

18.4513, 17.7146, 20.5359

Trichromacy



Original Color

19.0738, 17.8059, 23.5507

Protanomaly

17.9279, 17.6936, 24.3001

Deuteranomaly

18.4718, 17.8309, 23.2370

Tritanomaly

18.6382, 17.7894, 21.5201

Monochromacy



Original Color

19.0738, 17.8059, 23.5507

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9889, 18.1318, 21.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0738, 17.8059, 23.5507 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(131, 111, 130)` looks like.

```
.text, #text, p{  
    color:rgb(131, 111, 130)  
}
```

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(131, 111, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 111, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.0738, 17.8059, 23.5507 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(131, 111, 130) }
```


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

```
.border{ border-color:rgb(131, 111, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 111, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 111, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 111, 130);  
box-shadow:4px 4px 4px 4px rgb(131, 111,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0738, 17.8059, 23.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 111, 130) }
```

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

```
.background{ background-color: rgb(131,  
111, 130) }
```

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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