

Converting Colors

XYZ(13.9119, 17.6807, 19.8190)

Have a look what the booklet for
XYZ(13.9119, 17.6807, 19.8190)
contains.

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Color

**XYZ(13.9119, 17.6807,
19.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	507D76
RGB	80, 125, 118
RGB Percent	31%, 49%, 46%
CMY	0.6863, 0.5098, 0.5373
CMYK	0.36, 0.00, 0.06, 0.51
HSL	171°, 22%, 40%
HSV	171°, 36%, 49%
XYZ	13.9119, 17.6807, 19.8190
YIQ	110.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

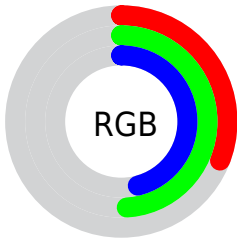
Format	Color
R_{YB}	80, 104, 125
Decimal	5274998
CIE _{Lab}	49.11, -17.13, -1.09
CIE _{LCh}	49, 17.163, 183.651
Y _{xy}	17.6807, 0.2706, 0.3439
Android (android.graphics.Color)	4283465078 (0xFF507D76)
YUV	110.7470, 3.5757, -26.9651
Hunter-Lab	42.0484, -14.5273, 1.4883

Details

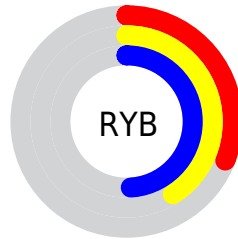
The XYZ color **13.9119, 17.6807, 19.8190** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.0470, 10.7859, 10.4118**, and the grayscale version is **15.0316, 15.8144, 17.2219**.

A 20% lighter version of the original color is **32.5362, 39.5684, 43.9528**, and **4.2550, 5.9024, 6.7094** is the 20% darker color. If you saturate the color by 10%, you get **12.8388, 17.1412, 19.1720**, and if you desaturate by 10%, it is **15.1848, 18.3238, 20.4886**.

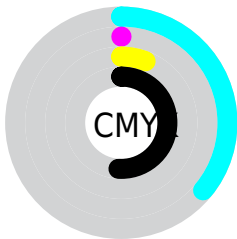
Distribution



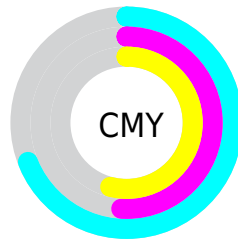
- Red (31%)
- Green (49%)
- Blue (46%)



- Red (31%)
- Yellow (41%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9119, 17.6807, 19.8190 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 13.9119, 17.6807, 19.8190 by changing the saturation by 10% instead.

■ 13.9119, 17.6807,
19.8190

■ 13.9119, 17.6807,
19.8190

210.2037,
239.0651, 263.5053

■ 8.1407, 10.7210,
12.0808

■ 32.5202, 39.4925,
43.9685

■ 4.2377, 5.8795,
6.6755

■ 46.0880, 55.1134,
61.2168

■ 1.8375, 2.7720,
3.1847

■ 62.9854, 74.3901,
82.4723

■ 0.5401, 1.0139,
1.1897

■ 83.5778, 97.7070,
108.1534

■ 0.0000, 0.0000,
0.0000

■ 108.2304,
125.4486, 138.6787

137.3087,

157.9992, 174.4668

171.1780,
195.7433, 215.9361

■ 13.9119, 17.6807,
19.8190

■ 13.9119, 17.6807,
19.8190

■ 12.8388, 17.1412,
19.1720

■ 15.1848, 18.3238,
20.4886

■ 11.9531, 16.6975,
18.5457

■ 16.6660, 19.0737,
21.1800

■ 11.2433, 16.3443,
17.9400

■ 18.3654, 19.9357,
21.8943

■ 10.6959, 16.0745,
17.3541

■ 20.2920, 20.9146,
22.6319

■ 10.2957, 15.8803,
16.7872

■ 22.4540, 22.0145,
23.3932

■ 10.0153, 15.7476,
16.2380

■ 24.8593, 23.2396,
24.1786

■ 9.9123, 15.6992,
16.0221

■ 27.5154, 24.5937,
24.9887

■ 30.4296, 26.0806,
25.8239

■ 33.6088, 27.7037,
26.6844

Harmonies

Analogous

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



14.1907, 17.6807, 15.5919



13.9119, 17.6807, 19.8190



14.3668, 17.6807, 24.5707

Triad

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



13.9119, 17.6807, 19.8190



18.5721, 17.6807, 27.5773



18.2110, 17.6807, 12.3730

Complementary

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



13.9119, 17.6807, 19.8190



13.0470, 10.7859, 10.4118

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.



19.5045, 17.6807, 14.7610



13.9119, 17.6807, 19.8190



19.7221, 17.6807, 23.4426

Square

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



13.9119, 17.6807, 19.8190



17.0021, 17.6807, 29.4768



20.0737, 17.6807, 18.6945



16.6094, 17.6807, 11.7151

Rectangle

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



13.9119, 17.6807, 19.8190



15.0429, 17.6807, 27.2752



20.0737, 17.6807, 18.6945



18.6995, 17.6807, 12.9790

Sweetspot

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



13.9124, 17.6814, 19.8194



31.2344, 34.8601, 38.5271



12.7595, 17.2975, 10.2561



7.0313, 7.8922, 8.7324



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9124, 17.6814, 19.8194



23.3400, 30.8701, 34.5552



12.5864, 14.3386, 21.5071



4.4186, 4.8758, 5.3755



10.3430, 16.3838, 16.7107



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0470, 10.7859, 10.4118



21.5575, 16.6389, 15.1568



13.9982, 13.1242, 9.3852



4.3530, 4.3543, 4.6631



8.9519, 4.6004, 1.0704



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9119, 17.6807, 19.8190 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 13.9119, 17.6807, 19.8190 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

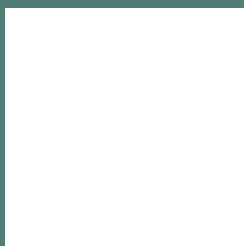
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9119, 17.6807, 19.8190

Background



This preview shows how black text looks on a background with the XYZ color 13.9119, 17.6807, 19.8190.



This preview shows how white text looks on a background with the XYZ color 13.9119, 17.6807,

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

13.9119, 17.6807, 19.8190

Protanopia

16.8338, 17.6050, 18.1336

Deuteranopia

17.8138, 17.5507, 20.5379



Tritanopia

14.9728, 17.7442, 24.8261

Trichromacy



Original Color

13.9119, 17.6807, 19.8190

Protanomaly

15.5170, 17.4347, 18.7671

Deuteranomaly

16.0581, 17.3299, 20.2679

Tritanomaly

14.6712, 17.8128, 23.0870

Monochromacy



Original Color

13.9119, 17.6807, 19.8190

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5382, 16.4150, 18.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9119, 17.6807, 19.8190 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(80, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(80, 125, 118)  
}
```

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(80, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 13.9119, 17.6807, 19.8190 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(80, 125, 118) }
```


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

```
.border{ border-color:rgb(80, 125, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(80, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9119, 17.6807, 19.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 125, 118) }
```

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

```
.background{ background-color: rgb(80, 125,  
118) }
```

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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