

Converting Colors

XYZ(19.1962, 19.3291, 25.1469)

Have a look what the booklet for
XYZ(19.1962, 19.3291, 25.1469)
contains.

XYZ(19.1879, 19.3651, 25.2808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.1879, 19.3651,
25.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7886
RGB	123, 120, 134
RGB Percent	48%, 47%, 53%
CMY	0.5176, 0.5294, 0.4745
CMYK	0.08, 0.10, 0.00, 0.47
HSL	253°, 6%, 50%
HSV	253°, 10%, 53%
XYZ	19.1879, 19.3651, 25.2808
YIQ	122.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

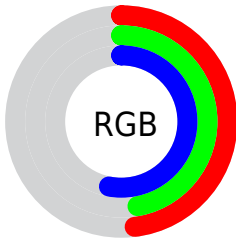
Format	Color
R_{YB}	123, 120, 134
Decimal	8091782
CIE _{Lab}	51.11, 4.04, -7.22
CIE _{LCh}	51, 8.269, 299.244
Yxy	19.3651, 0.3006, 0.3034
Android (android.graphics.Color)	4286281862 (0xFF7B7886)
YUV	122.4930, 5.6730, 0.4446
Hunter-Lab	44.0058, 0.8214, -3.2573

Details

The XYZ color **19.1879, 19.3651, 25.2808** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.2761, 23.2321, 21.1331**, and the grayscale version is **18.6430, 19.6139, 21.3596**.

A 20% lighter version of the original color is **41.4014, 42.2069, 52.9784**, and **6.7416, 6.7307, 9.3313** is the 20% darker color. If you saturate the color by 10%, you get **16.2617, 15.6297, 24.7143**, and if you desaturate by 10%, it is **22.5029, 23.6368, 25.9309**.

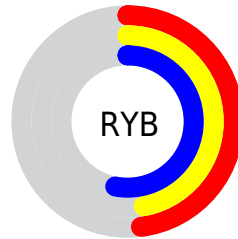
Distribution



Red (48%)

Green (47%)

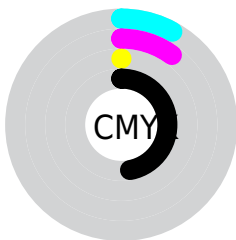
Blue (53%)



Red (48%)

Yellow (47%)

Blue (53%)

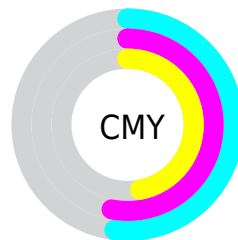


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1879, 19.3651, 25.2808 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 19.1879, 19.3651, 25.2808 by changing the saturation by 10% instead.

■ 19.1879, 19.3651,
25.2808

■ 19.1879, 19.3651,
25.2808

240.4024,
248.4570, 292.7258

■ 11.9109, 11.9344,
16.0655

■ 41.5658, 42.3501,
53.0822

■ 6.7548, 6.6990,
9.4156

■ 57.3974, 58.6732,
72.5053

■ 3.3542, 3.2746,
4.9128

■ 76.8113, 78.7293,
96.1680

■ 1.3437, 1.2767,
2.1383

100.1729,
102.9026, 124.4890

■ 0.2156, 0.1231,
0.6384

127.8474,
131.5776, 157.8867

■ 0.0000, 0.0000,
0.0000

160.2002,

165.1388, 196.7797

197.5968,
203.9704, 241.5866

■ 19.1879, 19.3651,
25.2808

■ 19.1879, 19.3651,
25.2808

■ 16.2617, 15.6297,
24.7143

■ 22.5029, 23.6368,
25.9309

■ 13.7081, 12.4069,
24.2269

■ 26.2185, 28.4623,
26.6665

■ 11.5124, 9.6748,
23.8152

■ 30.3484, 33.8615,
27.4910

■ 9.6581, 7.4090,
23.4756

■ 34.9049, 39.8526,
28.4072

■ 8.1275, 5.5829,
23.2038

■ 39.8999, 46.4528,
29.4179

■ 6.9013, 4.1673,
22.9952

■ 45.3448, 53.6788,
30.5257

■ 5.9577, 3.1293,
22.8446

■ 51.2505, 61.5464,
31.7330

■ 5.2722, 2.4307,
22.7459

■ 57.6276, 70.0711,
33.0423

■ 4.8014, 1.9781,
22.6833

■ 64.4864, 79.2677,
34.4560

Harmonies

Analogous

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



18.3851, 19.3651, 25.9362



19.1879, 19.3651, 25.2808



19.7960, 19.3651, 23.4826

Triad

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



19.1879, 19.3651, 25.2808



19.2250, 19.3651, 17.4342



16.8723, 19.3651, 21.0257

Complementary

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



19.1879, 19.3651, 25.2808



21.2761, 23.2321, 21.1331

Split Complementary

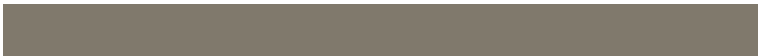
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.0825, 19.3651, 18.8570



19.1879, 19.3651, 25.2808



18.4268, 19.3651, 16.8804

Square

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



19.1879, 19.3651, 25.2808



19.8179, 19.3651, 18.9530



17.6455, 19.3651, 17.3817



17.0627, 19.3651, 23.3718

Rectangle

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



19.1879, 19.3651, 25.2808



20.0006, 19.3651, 21.9402



17.6455, 19.3651, 17.3817



16.8984, 19.3651, 20.2529

Sweetspot

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



19.1885, 19.3659, 25.2812



38.0501, 39.5807, 45.3728



20.1926, 22.0013, 25.7370



8.4730, 8.7890, 10.2026



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.



19.1885, 19.3659, 25.2812



32.2750, 32.1568, 44.2442



20.1955, 19.8850, 25.3284



4.5209, 4.5891, 5.8483



4.5075, 1.8579, 21.2577



0.0208, 0.0091, 0.0739

Inverse Universe

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



20.6454, 20.1408, 24.2732



35.4872, 33.8660, 41.9922



20.2570, 22.7067, 21.0854



4.8163, 4.7462, 5.6451



11.6216, 5.7130, 13.1116



0.0429, 0.0208, 0.0593

Previews

White Background



This preview shows how the XYZ color 19.1879, 19.3651, 25.2808 looks on a white 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

Black Background



This preview shows how the XYZ color 19.1879, 19.3651, 25.2808 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 19.1879, 19.3651, 25.2808

Background



This preview shows how black text looks on a background with the XYZ color 19.1879, 19.3651, 25.2808.



This preview shows how white text looks on a background with the XYZ color 19.1879, 19.3651,

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

19.1879, 19.3651, 25.2808

Protanopia

18.9563, 19.4171, 25.6704

Deuteranopia

19.6836, 19.2673, 25.2358



Tritanopia

18.8927, 19.4240, 23.8726

Trichromacy



Original Color

19.1879, 19.3651, 25.2808

Protanomaly

19.0957, 19.4890, 25.6770

Deuteranomaly

19.5041, 19.3505, 25.2613

Tritanomaly

18.9601, 19.4510, 24.2278

Monochromacy



Original Color

19.1879, 19.3651, 25.2808

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6293, 19.3187, 22.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1879, 19.3651, 25.2808 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, 120, 134)` looks like.

```
.text, #text, p{  
    color:rgb(123, 120, 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, 120, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 120, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.1879, 19.3651, 25.2808 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, 120, 134) }
```


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

```
.border{ border-color:rgb(123, 120, 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, 120, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 120, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 120, 134);  
box-shadow:4px 4px 4px 4px rgb(123, 120,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1879, 19.3651, 25.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 120, 134) }
```

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

```
.background{ background-color: rgb(123,  
120, 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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