

Converting Colors

XYZ(19.5479, 19.1812, 25.1723)

Have a look what the booklet for
XYZ(19.5479, 19.1812, 25.1723)
contains.

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Color

**XYZ(19.5339, 19.1901,
25.2288)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7686
RGB	127, 118, 134
RGB Percent	50%, 46%, 53%
CMY	0.5020, 0.5372, 0.4745
CMYK	0.05, 0.12, 0.00, 0.47
HSL	274°, 6%, 49%
HSV	274°, 12%, 53%
XYZ	19.5339, 19.1901, 25.2288
YIQ	122.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

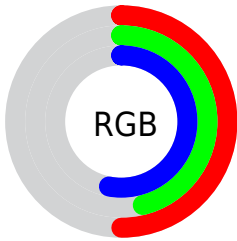
Format	Color
R_{YB}	127, 118, 134
Decimal	8353414
CIE _{Lab}	50.91, 6.67, -7.48
CIE _{LCh}	51, 10.020, 311.706
Yxy	19.1901, 0.3054, 0.3001
Android (android.graphics.Color)	4286543494 (0xFF7F7686)
YUV	122.5150, 5.6621, 3.9333
Hunter-Lab	43.8065, 2.9341, -3.4814

Details

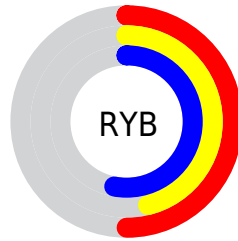
The XYZ color **19.5339, 19.1901, 25.2288** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2533, 22.7187, 20.4581**, and the grayscale version is **18.6496, 19.6209, 21.3671**.

A 20% lighter version of the original color is **42.1668, 42.0406, 52.9059**, and **6.9323, 6.6401, 9.3038** is the 20% darker color. If you saturate the color by 10%, you get **17.2189, 15.8186, 24.7003**, and if you desaturate by 10%, it is **22.1251, 23.0378, 25.8352**.

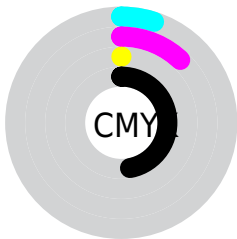
Distribution



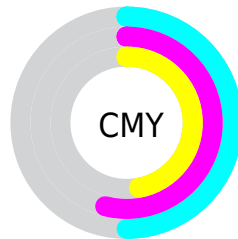
- Red (50%)
- Green (46%)
- Blue (53%)



- Red (50%)
- Yellow (46%)
- Blue (53%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5339, 19.1901, 25.2288 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 19.5339, 19.1901, 25.2288 by changing the saturation by 10% instead.

■ 19.5339, 19.1901,
25.2288

■ 19.5339, 19.1901,
25.2288

242.2625,
247.4962, 292.4595

■ 12.1630, 11.8077,
16.0270

■ 42.1443, 42.0551,
52.9969

■ 6.9278, 6.6129,
9.3887

■ 58.1144, 58.3065,
72.4003

■ 3.4629, 3.2212,
4.8953

■ 77.6817, 78.2830,
96.0413

■ 1.4030, 1.2483,
2.1283

101.2115,
102.3690, 124.3384

■ 0.2584, 0.1006,
0.6325

129.0691,
130.9490, 157.7103

■ 0.0000, 0.0000,
0.0000

161.6199,

164.4072, 196.5754

199.2292,
203.1282, 241.3523

■ 19.5339, 19.1901,
25.2288

■ 19.5339, 19.1901,
25.2288

■ 17.2189, 15.8186,
24.7003

■ 22.1251, 23.0378,
25.8352

■ 15.1680, 12.9016,
24.2454

■ 25.0005, 27.3775,
26.5213

■ 13.3710, 10.4194,
23.8610

■ 28.1697, 32.2270,
27.2903

■ 11.8160, 8.3497,
23.5435

■ 31.6416, 37.6027,
28.1449

■ 10.4902, 6.6683,
23.2888

■ 35.4245, 43.5202,
29.0877

■ 9.3795, 5.3484,
23.0926

■ 39.5264, 49.9944,
30.1212

■ 8.4679, 4.3594,
22.9497

■ 43.9552, 57.0396,
31.2476

■ 7.7369, 3.6657,
22.8544

■ 48.7181, 64.6698,
32.4694

■ 7.2338, 3.2321,
22.7972

■ 53.8225, 72.8981,
33.7886

Harmonies

Analogous

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



18.6281, 19.1901, 26.6924



19.5339, 19.1901, 25.2288



20.1048, 19.1901, 22.6508

Triad

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



19.5339, 19.1901, 25.2288



18.8429, 19.1901, 16.1399



16.4407, 19.1901, 22.0190

Complementary

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



19.5339, 19.1901, 25.2288



20.2533, 22.7187, 20.4581

Split Complementary

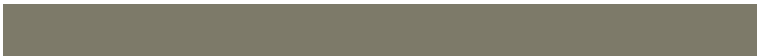
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.4935, 19.1901, 19.2319



19.5339, 19.1901, 25.2288



17.8566, 19.1901, 16.0040

Square

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



19.5339, 19.1901, 25.2288



19.6960, 19.1901, 17.4777



17.0038, 19.1901, 17.0879



16.8568, 19.1901, 24.7305

Rectangle

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



19.5339, 19.1901, 25.2288



20.2066, 19.1901, 20.7331



17.0038, 19.1901, 17.0879



16.4046, 19.1901, 21.0573

Sweetspot

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



19.5345, 19.1909, 25.2292



37.9589, 39.0609, 45.2773



19.1340, 20.2914, 25.4628



8.4814, 8.6951, 10.1840



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.



19.5345, 19.1909, 25.2292



33.4075, 32.3299, 44.2179



20.5580, 19.7250, 24.9870



4.6663, 4.6641, 5.8551



6.7914, 3.0353, 21.3646



0.0319, 0.0148, 0.0744

Inverse Universe

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



20.0123, 19.5067, 22.1134



34.4122, 32.9932, 37.6959



19.3148, 22.2294, 20.6634



4.7509, 4.7200, 5.3007



9.9497, 5.0442, 4.3074



0.0380, 0.0189, 0.0337

Previews

White Background



This preview shows how the XYZ color 19.5339, 19.1901, 25.2288 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 19.5339, 19.1901, 25.2288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

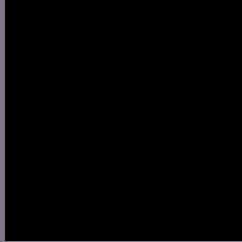
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.5339, 19.1901, 25.2288

Background



This preview shows how black text looks on a background with the XYZ color 19.5339, 19.1901, 25.2288.



This preview shows how white text looks on a background with the XYZ color 19.5339, 19.1901,

25.2288.

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

19.5339, 19.1901, 25.2288

Protanopia

18.7682, 19.1325, 25.9963

Deuteranopia

19.5339, 19.1901, 25.2288



Tritanopia

19.0973, 19.1878, 23.1192

Trichromacy



Original Color

19.5339, 19.1901, 25.2288

Protanomaly

18.9960, 19.0805, 25.6034

Deuteranomaly

19.5339, 19.1901, 25.2288

Tritanomaly

19.2303, 19.2410, 23.8194

Monochromacy



Original Color

19.5339, 19.1901, 25.2288

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.9803, 19.4921, 22.8407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5339, 19.1901, 25.2288 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(127, 118, 134)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 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(127, 118, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 118, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.5339, 19.1901, 25.2288 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(127, 118, 134) }
```


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

```
.border{ border-color:rgb(127, 118, 134) }
```

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

Here you see how a box with a 4 pixel rgb(127, 118, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 118, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 118, 134);  
box-shadow:4px 4px 4px 4px rgb(127, 118,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5339, 19.1901, 25.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 118, 134) }
```

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

```
.background{ background-color: rgb(127,  
118, 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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