

Converting Colors

XYZ(18.8669, 19.7126, 25.7878)

Have a look what the booklet for
XYZ(18.8669, 19.7126, 25.7878)
contains.

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Color

**XYZ(18.9273, 19.7667,
25.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	767B87
RGB	118, 123, 135
RGB Percent	46%, 48%, 53%
CMY	0.5373, 0.5176, 0.4706
CMYK	0.13, 0.09, 0.00, 0.47
HSL	222°, 7%, 50%
HSV	222°, 13%, 53%
XYZ	18.9273, 19.7667, 25.7395
YIQ	122.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

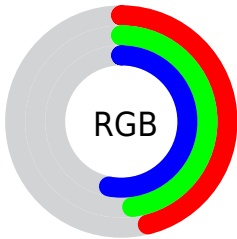
Format	Color
R_{YB}	118, 122, 135
Decimal	7764871
CIE Lab	51.57, 0.72, -7.16
CIE LCh	52, 7.196, 275.741
Yxy	19.7667, 0.2937, 0.3068
Android (android.graphics.Color)	4285954951 (0xFF767B87)
YUV	122.8730, 5.9786, -4.2736
Hunter-Lab	44.4598, -1.8140, -3.2035

Details

The XYZ color **18.9273, 19.7667, 25.7395** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.2444, 22.4240, 20.3484**, and the grayscale version is **18.7679, 19.7452, 21.5026**.

A 20% lighter version of the original color is **40.9846, 42.8368, 53.6852**, and **6.6143, 6.8555, 9.5690** is the 20% darker color. If you saturate the color by 10%, you get **16.0987, 16.6389, 25.2852**, and if you desaturate by 10%, it is **22.1345, 23.2616, 26.2453**.

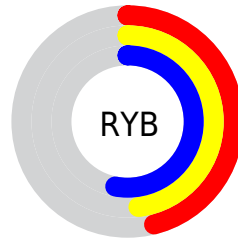
Distribution



Red (46%)

Green (48%)

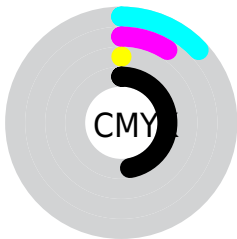
Blue (53%)



Red (46%)

Yellow (48%)

Blue (53%)

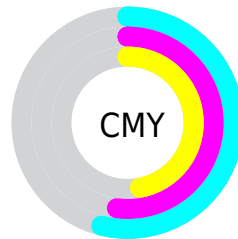


Cyan (13%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9273, 19.7667, 25.7395 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 18.9273, 19.7667, 25.7395 by changing the saturation by 10% instead.

■ 18.9273, 19.7667,
25.7395

■ 18.9273, 19.7667,
25.7395

238.9929,
250.6493, 295.0656

■ 11.7215, 12.2256,
16.4048

■ 41.1290, 43.0257,
53.8333

■ 6.6251, 6.8975,
9.6536

■ 56.8556, 59.5123,
73.4295

■ 3.2730, 3.3981,
5.0673

■ 76.1532, 79.7496,
97.2834

■ 1.2997, 1.3429,
2.2274

99.3871, 104.1219,
125.8134

■ 0.1830, 0.1741,
0.6901

126.9227,
133.0137, 159.4381

■ 0.0000, 0.0000,
0.0000

159.1252,

166.8092, 198.5760

196.3602,
205.8930, 243.6456

■ 18.9273, 19.7667,
25.7395

■ 18.9273, 19.7667,
25.7395

■ 16.0987, 16.6389,
25.2852

■ 22.1345, 23.2616,
26.2453

■ 13.6327, 13.8634,
24.8794

■ 25.7322, 27.1326,
26.8029

■ 11.5144, 11.4281,
24.5210

■ 29.7339, 31.3919,
27.4141

■ 9.7275, 9.3191,
24.2081

■ 34.1517, 36.0500,
28.0804

■ 8.2542, 7.5217,
23.9388

■ 38.9975, 41.1171,
28.8030

■ 7.0748, 6.0198,
23.7111

■ 44.2826, 46.6031,
29.5834

■ 6.1673, 4.7956,
23.5226

■ 50.0177, 52.5176,
30.4227

■ 5.5061, 3.8292,
23.3709

■ 56.2134, 58.8696,
31.3222

■ 5.1227, 3.2481,
23.2790

■ 62.8798, 65.6681,
32.2831

Harmonies

Analogous

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



18.2213, 19.7667, 25.3671



18.9273, 19.7667, 25.7395



19.6129, 19.7667, 24.9245

Triad

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



18.9273, 19.7667, 25.7395



19.9407, 19.7667, 19.2761



17.5465, 19.7667, 19.9253

Complementary

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



18.9273, 19.7667, 25.7395



21.2444, 22.4240, 20.3484

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.



17.9859, 19.7667, 18.4452



18.9273, 19.7667, 25.7395



19.3656, 19.7667, 18.0876

Square

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



18.9273, 19.7667, 25.7395



20.2075, 19.7667, 21.1261



18.6487, 19.7667, 17.7934



17.4359, 19.7667, 21.9240

Rectangle

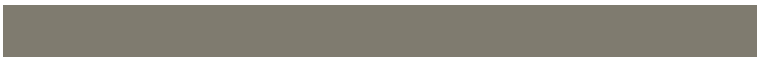
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.9273, 19.7667, 25.7395



19.9622, 19.7667, 23.8466



18.6487, 19.7667, 17.7934



17.6601, 19.7667, 19.3547

Sweetspot

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



18.9279, 19.7675, 25.7399



38.7345, 40.6772, 46.8583



20.1581, 22.7889, 24.4205



8.8766, 9.3185, 10.8371



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9279, 19.7675, 25.7399



32.4396, 33.7981, 45.8623



18.7932, 18.8004, 25.5604



4.5379, 4.7515, 5.8787



4.7342, 3.0162, 21.4694



0.0221, 0.0219, 0.0763

Inverse Universe

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



20.0457, 19.5382, 21.4545



34.8425, 33.3414, 36.6422



21.3876, 23.5097, 20.5504



4.7248, 4.7096, 5.1631



9.5677, 4.8914, 2.2960



0.0360, 0.0181, 0.0231

Previews

White Background



This preview shows how the XYZ color 18.9273, 19.7667, 25.7395 looks on a white background.

Color Contrast Check

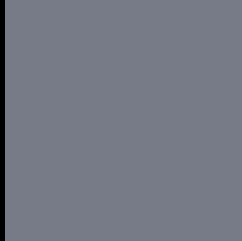
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9273, 19.7667, 25.7395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

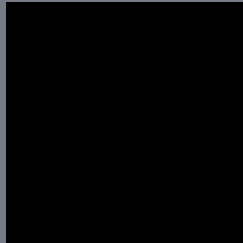
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

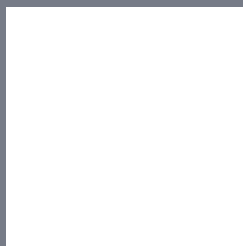
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9273, 19.7667, 25.7395

Background



This preview shows how black text looks on a background with the XYZ color 18.9273, 19.7667, 25.7395.



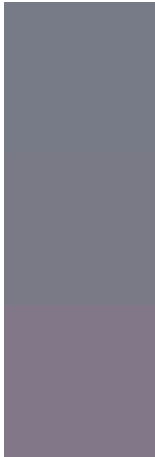
This preview shows how white text looks on a background with the XYZ color 18.9273, 19.7667,

25.7395.

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

18.9273, 19.7667, 25.7395

Protanopia

19.2886, 19.7779, 25.3551

Deuteranopia

20.0940, 19.6384, 26.0241



Tritanopia

18.7878, 19.7109, 25.0047

Trichromacy



Original Color

18.9273, 19.7667, 25.7395

Protanomaly

19.1478, 19.7052, 25.3486

Deuteranomaly

19.6179, 19.5705, 26.0361

Tritanomaly

18.8572, 19.7387, 25.3703

Monochromacy



Original Color

18.9273, 19.7667, 25.7395

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7989, 19.7632, 22.9025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9273, 19.7667, 25.7395 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(118, 123, 135)` looks like.

```
.text, #text, p{  
    color:rgb(118, 123, 135)  
}
```

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(118, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 123, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.9273, 19.7667, 25.7395 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(118, 123, 135) }
```


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

```
.border{ border-color:rgb(118, 123, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 123, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(118, 123,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9273, 19.7667, 25.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 123, 135) }
```

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

```
.background{ background-color: rgb(118,  
123, 135) }
```

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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