

Converting Colors

XYZ(18.9545, 19.1376, 26.1902)

Have a look what the booklet for
XYZ(18.9545, 19.1376, 26.1902)
contains.

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Color

**XYZ(18.9776, 19.2322,
26.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	787889
RGB	120, 120, 137
RGB Percent	47%, 47%, 54%
CMY	0.5294, 0.5294, 0.4627
CMYK	0.12, 0.12, 0.00, 0.46
HSL	240°, 7%, 50%
HSV	240°, 12%, 54%
XYZ	18.9776, 19.2322, 26.3789
YIQ	121.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

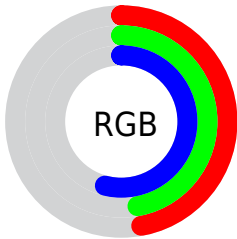
Format	Color
R_{YB}	120, 120, 137
Decimal	7895177
CIE Lab	50.96, 3.63, -9.24
CIE LCh	51, 9.922, 291.445
Yxy	19.2322, 0.2938, 0.2978
Android (android.graphics.Color)	4286085257 (0xFF787889)
YUV	121.9380, 7.4256, -1.6996
Hunter-Lab	43.8545, 0.4986, -4.9653

Details

The XYZ color **18.9776, 19.2322, 26.3789** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.6525, 24.5657, 21.3175**, and the grayscale version is **18.4568, 19.4180, 21.1462**.

A 20% lighter version of the original color is **41.0600, 41.9934, 54.6566**, and **6.6362, 6.6624, 9.9530** is the 20% darker color. If you saturate the color by 10%, you get **15.6806, 15.2597, 25.7862**, and if you desaturate by 10%, it is **22.7834, 23.8179, 27.0637**.

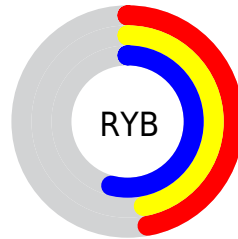
Distribution



Red (47%)

Green (47%)

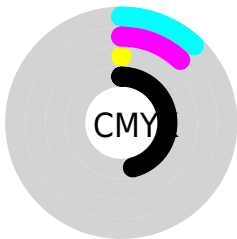
Blue (54%)



Red (47%)

Yellow (47%)

Blue (54%)

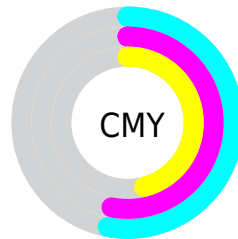


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9776, 19.2322, 26.3789 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 18.9776, 19.2322, 26.3789 by changing the saturation by 10% instead.

■ 18.9776, 19.2322,
26.3789

■ 18.9776, 19.2322,
26.3789

239.2656,
247.7277, 298.3016

■ 11.7580, 11.8382,
16.8790

■ 41.2134, 42.1261,
54.8771

■ 6.6501, 6.6336,
9.9872

■ 56.9603, 58.3948,
74.7126

■ 3.2887, 3.2340,
5.2850

■ 76.2804, 78.3904,
98.8303

■ 1.3082, 1.2551,
2.3538

99.5390, 102.4975,
127.6488

■ 0.1893, 0.1060,
0.7611

127.1015,
131.1004, 161.5866

■ 0.0000, 0.0000,
0.0000

159.3331,

164.5834, 201.0623

196.5994,
203.3310, 246.4945

■ 18.9776, 19.2322,
26.3789

■ 18.9776, 19.2322,
26.3789

■ 15.6806, 15.2597,
25.7862

■ 22.7834, 23.8179,
27.0637

■ 12.8692, 11.8722,
25.2805

■ 27.1163, 29.0387,
27.8431

■ 10.5209, 9.0427,
24.8581

■ 31.9961, 34.9183,
28.7208

■ 8.6110, 6.7414,
24.5146

■ 37.4409, 41.4787,
29.7001

■ 7.1122, 4.9354,
24.2450

■ 43.4679, 48.7406,
30.7841

■ 5.9945, 3.5886,
24.0440

■ 50.0937, 56.7239,
31.9758

■ 5.2234, 2.6595,
23.9053

■ 57.3343, 65.4479,
33.2781

■ 4.7587, 2.0994,
23.8217

■ 65.2048, 74.9310,
34.6937

■ 4.5156, 1.8064,
23.7779

■ 73.7201, 85.1909,
36.2253

Harmonies

Analogous

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



18.0006, 19.2322, 26.7465



18.9776, 19.2322, 26.3789



19.7939, 19.2322, 24.4893

Triad

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



18.9776, 19.2322, 26.3789



19.4800, 19.2322, 16.9957



16.4780, 19.2322, 20.1476

Complementary

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



18.9776, 19.2322, 26.3789



22.6525, 24.5657, 21.3175

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.



16.8446, 19.2322, 17.7524



18.9776, 19.2322, 26.3789



18.5615, 19.2322, 16.0423

Square

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



18.9776, 19.2322, 26.3789



20.0912, 19.2322, 19.0280



17.5990, 19.2322, 16.3064



16.5804, 19.2322, 22.9773

Rectangle

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



18.9776, 19.2322, 26.3789



20.1258, 19.2322, 22.7062



17.5990, 19.2322, 16.3064



16.5500, 19.2322, 19.2690

Sweetspot

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



18.9782, 19.2330, 26.3793



39.5904, 41.1952, 48.2480



21.1868, 23.6828, 27.0154



8.7726, 9.1105, 10.8025



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.



18.9782, 19.2330, 26.3793



32.1677, 32.2515, 46.9129



20.1670, 19.8456, 26.4349



4.7747, 4.8923, 6.2985



4.2062, 1.6827, 22.1488



0.0279, 0.0112, 0.1471

Inverse Universe

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



20.4237, 20.1079, 20.5750



35.3039, 34.1496, 34.3197



21.3566, 23.8979, 21.2569



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4501



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 18.9776, 19.2322, 26.3789 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 18.9776, 19.2322, 26.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

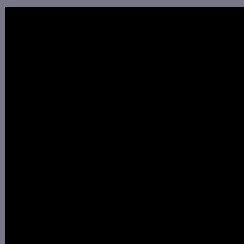
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

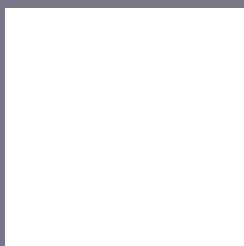
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9776, 19.2322, 26.3789

Background



This preview shows how black text looks on a background with the XYZ color 18.9776, 19.2322, 26.3789.



This preview shows how white text looks on a background with the XYZ color 18.9776, 19.2322,

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

18.9776, 19.2322, 26.3789

Protanopia

18.8396, 19.1610, 26.3724

Deuteranopia

19.5980, 19.1986, 26.3397



Tritanopia

18.5419, 19.2354, 24.2083

Trichromacy



Original Color

18.9776, 19.2322, 26.3789

Protanomaly

18.8396, 19.1610, 26.3724

Deuteranomaly

19.4244, 19.2849, 26.3655

Tritanomaly

18.6788, 19.2901, 24.9292

Monochromacy



Original Color

18.9776, 19.2322, 26.3789

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5533, 19.2720, 22.8207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9776, 19.2322, 26.3789 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(120, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 137)  
}
```

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(120, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.9776, 19.2322, 26.3789 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(120, 120, 137) }
```


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

```
.border{ border-color:rgb(120, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9776, 19.2322, 26.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 137) }
```

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

```
.background{ background-color: rgb(120,  
120, 137) }
```

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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