

Converting Colors

XYZ(18.0621, 20.0352, 25.3271)

Have a look what the booklet for
XYZ(18.0621, 20.0352, 25.3271)
contains.

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Color

**XYZ(18.0768, 20.0881,
25.4789)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7F86
RGB	108, 127, 134
RGB Percent	42%, 50%, 53%
CMY	0.5765, 0.5020, 0.4745
CMYK	0.19, 0.05, 0.00, 0.47
HSL	196°, 11%, 47%
HSV	196°, 19%, 53%
XYZ	18.0768, 20.0881, 25.4789
YIQ	122.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

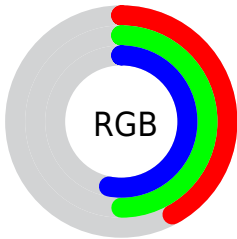
Format	Color
R _Y B	108, 119, 134
Decimal	7110534
CIE Lab	51.94, -5.29, -6.11
CIE LCh	52, 8.085, 229.124
Yxy	20.0881, 0.2840, 0.3156
Android (android.graphics.Color)	4285300614 (0xFF6C7F86)
YUV	122.1170, 5.8583, -12.3806
Hunter-Lab	44.8198, -6.4416, -2.3310

Details

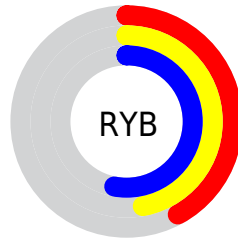
The XYZ color **18.0768, 20.0881, 25.4789** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6692, 18.4126, 16.7578**, and the grayscale version is **18.5220, 19.4866, 21.2209**.

A 20% lighter version of the original color is **39.7881, 43.7040, 53.3524**, and **6.1881, 7.0495, 9.4221** is the 20% darker color. If you saturate the color by 10%, you get **16.1133, 18.3972, 25.2563**, and if you desaturate by 10%, it is **20.3087, 21.9432, 25.7197**.

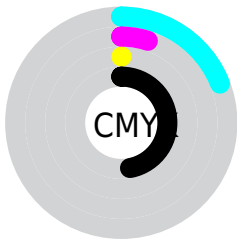
Distribution



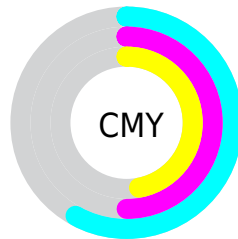
- Red (42%)
- Green (50%)
- Blue (53%)



- Red (42%)
- Yellow (47%)
- Blue (53%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (58%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0768, 20.0881, 25.4789 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 18.0768, 20.0881, 25.4789 by changing the saturation by 10% instead.

■ 18.0768, 20.0881,
25.4789

■ 18.0768, 20.0881,
25.4789

234.3408,
252.3917, 293.7382

■ 11.1052, 12.4591,
16.2120

■ 39.6972, 43.5648,
53.4068

■ 6.2054, 7.0572,
9.5183

■ 55.0767, 60.1814,
72.9048

■ 3.0122, 3.4979,
4.9794

■ 73.9895, 80.5625,
96.6503

■ 1.1602, 1.3969,
2.1766

■ 96.8010, 105.0927,
125.0618

■ 0.0746, 0.2144,
0.6608

123.8765,
134.1563, 158.5577

■ 0.0000, 0.0000,
0.0000

155.5814,

168.1378, 197.5568

192.2810,
207.4214, 242.4774

■ 18.0768, 20.0881,
25.4789

■ 18.0768, 20.0881,
25.4789

■ 16.1133, 18.3972,
25.2563

■ 20.3087, 21.9432,
25.7197

■ 14.4049, 16.8617,
25.0500

■ 22.8180, 23.9658,
25.9778

■ 12.9396, 15.4758,
24.8597

■ 25.6156, 26.1623,
26.2543

■ 11.7039, 14.2323,
24.6848

■ 28.7112, 28.5379,
26.5497

■ 10.6829, 13.1231,
24.5246

■ 32.1139, 31.0977,
26.8644

■ 9.8596, 12.1394,
24.3781

■ 35.8326, 33.8463,
27.1990

■ 9.2146, 11.2707,
24.2444

■ 39.8758, 36.7883,
27.5538

■ 8.6946, 10.4893,
24.1210

■ 44.2516, 39.9283,
27.9292

■ 8.6644, 10.4438,
24.1138

■ 48.9678, 43.2705,
28.3257

Harmonies

Analogous

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



17.6376, 20.0881, 23.3901



18.0768, 20.0881, 25.4789



18.7963, 20.0881, 26.6285

Triad

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



18.0768, 20.0881, 25.4789



20.6886, 20.0881, 22.7383



18.5797, 20.0881, 17.8664

Complementary

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



18.0768, 20.0881, 25.4789



18.6692, 18.4126, 16.7578

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.



19.3931, 20.0881, 17.7195



18.0768, 20.0881, 25.4789



20.6266, 20.0881, 20.4221

Square

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



18.0768, 20.0881, 25.4789



20.3140, 20.0881, 24.9724



20.1469, 20.0881, 18.6236



17.9222, 20.0881, 19.0404

Rectangle

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



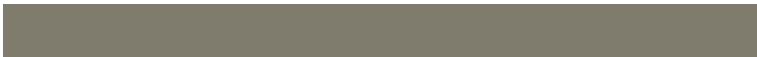
18.0768, 20.0881, 25.4789



19.3450, 20.0881, 26.6560



20.1469, 20.0881, 18.6236



18.8435, 20.0881, 17.6986

Sweetspot

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



18.0774, 20.0889, 25.4794



37.1724, 39.7935, 45.4601



17.8005, 21.4750, 19.4069



8.3236, 8.9238, 10.2365



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.



18.0774, 20.0889, 25.4794



30.3742, 34.1370, 44.7266



16.5127, 16.9595, 24.9578



4.6984, 5.0725, 5.9322



8.1288, 9.8054, 22.6009



0.0342, 0.0460, 0.0803

Inverse Universe

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



19.0253, 17.3263, 22.4211



32.3617, 28.4795, 38.2846



20.2491, 21.5724, 17.2845



4.8058, 4.7420, 5.5897



11.2812, 5.5768, 11.3188



0.0421, 0.0205, 0.0553

Previews

White Background



This preview shows how the XYZ color 18.0768, 20.0881, 25.4789 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 18.0768, 20.0881, 25.4789 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

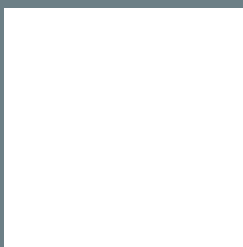
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0768, 20.0881, 25.4789

Background



This preview shows how black text looks on a background with the XYZ color 18.0768, 20.0881, 25.4789.



This preview shows how white text looks on a background with the XYZ color 18.0768, 20.0881,

25.4789.

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

18.0768, 20.0881, 25.4789

Protanopia

19.4919, 20.0897, 24.3231

Deuteranopia

20.2956, 19.9280, 25.6985



Tritanopia

18.4114, 20.2361, 26.6025

Trichromacy



Original Color

18.0768, 20.0881, 25.4789

Protanomaly

18.8437, 19.9328, 24.6840

Deuteranomaly

19.4822, 20.0528, 25.7654

Tritanomaly

18.3400, 20.2075, 26.2264

Monochromacy



Original Color

18.0768, 20.0881, 25.4789

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3097, 19.7036, 22.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0768, 20.0881, 25.4789 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(108, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 127, 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(108, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.0768, 20.0881, 25.4789 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(108, 127, 134) }
```


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

```
.border{ border-color:rgb(108, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 127,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0768, 20.0881, 25.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 127, 134) }
```

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

```
.background{ background-color: rgb(108,  
127, 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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