

Converting Colors

XYZ(19.0120, 20.2260, 24.7638)

Have a look what the booklet for
XYZ(19.0120, 20.2260, 24.7638)
contains.

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Color

**XYZ(18.9697, 20.1847,
24.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	767D84
RGB	118, 125, 132
RGB Percent	46%, 49%, 52%
CMY	0.5372, 0.5098, 0.4823
CMYK	0.11, 0.05, 0.00, 0.48
HSL	210°, 6%, 49%
HSV	210°, 11%, 52%
XYZ	18.9697, 20.1847, 24.7260
YIQ	123.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

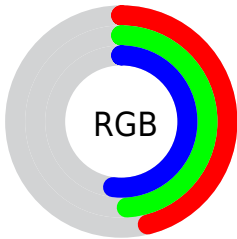
Format	Color
R_{YB}	118, 123, 132
Decimal	7765380
CIE Lab	52.05, -1.10, -4.70
CIE LCh	52, 4.827, 256.814
Yxy	20.1847, 0.2970, 0.3160
Android (android.graphics.Color)	4285955460 (0xFF767D84)
YUV	123.7050, 4.0894, -5.0033
Hunter-Lab	44.9274, -3.2548, -1.1814

Details

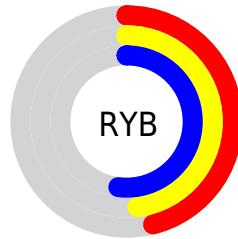
The XYZ color **18.9697, 20.1847, 24.7260** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1195, 20.8808, 20.1100**, and the grayscale version is **19.0489, 20.0409, 21.8246**.

A 20% lighter version of the original color is **41.2549, 43.8896, 52.1961**, and **6.6716, 7.0955, 9.2016** is the 20% darker color. If you saturate the color by 10%, you get **16.4934, 17.7095, 24.3791**, and if you desaturate by 10%, it is **21.7535, 22.9020, 25.1041**.

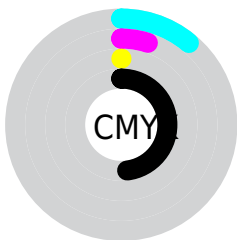
Distribution



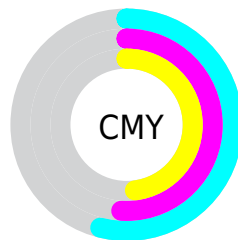
- Red (46%)
- Green (49%)
- Blue (52%)



- Red (46%)
- Yellow (48%)
- Blue (52%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9697, 20.1847, 24.7260 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 18.9697, 20.1847, 24.7260 by changing the saturation by 10% instead.

■ 18.9697, 20.1847,
24.7260

■ 18.9697, 20.1847,
24.7260

239.2228,
252.9133, 289.8745

■ 11.7523, 12.5294,
15.6559

■ 41.2002, 43.7266,
52.1710

■ 6.6462, 7.1053,
9.1293

■ 56.9439, 60.3820,
71.3829

■ 3.2862, 3.5280,
4.7276

■ 76.2604, 80.8062,
94.8125

■ 1.3069, 1.4132,
2.0324

99.5152, 105.3836,
122.8783

■ 0.1883, 0.2264,
0.5751

127.0734,
134.4987, 155.9988

■ 0.0000, 0.0000,
0.0000

159.3005,

168.5357, 194.5927

196.5618,
207.8791, 239.0784

■ 18.9697, 20.1847,
24.7260

■ 18.9697, 20.1847,
24.7260

■ 16.4934, 17.7095,
24.3791

■ 21.7535, 22.9020,
25.1041

■ 14.3116, 15.4663,
24.0611

■ 24.8540, 25.8658,
25.5127

■ 12.4125, 13.4481,
23.7716

■ 28.2818, 29.0840,
25.9532

■ 10.7831, 11.6464,
23.5097

■ 32.0469, 32.5628,
26.4263

■ 9.4092, 10.0521,
23.2744

■ 36.1586, 36.3087,
26.9326

■ 8.2751, 8.6554,
23.0646

■ 40.6258, 40.3276,
27.4729

■ 7.3633, 7.4454,
22.8791

■ 45.4572, 44.6253,
28.0478

■ 6.6535, 6.4096,
22.7166

■ 50.6610, 49.2074,
28.6579

■ 6.1140, 5.5642,
22.5818

■ 56.2455, 54.0795,
29.3040

Harmonies

Analogous

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



18.5440, 20.1847, 24.0155



18.9697, 20.1847, 24.7260



19.4602, 20.1847, 24.6780

Triad

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



18.9697, 20.1847, 24.7260



20.1060, 20.1847, 21.2023



18.5026, 20.1847, 20.1731

Complementary

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



18.9697, 20.1847, 24.7260



20.1195, 20.8808, 20.1100

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.



18.9123, 20.1847, 19.4820



18.9697, 20.1847, 24.7260



19.8405, 20.1847, 20.0586

Square

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



18.9697, 20.1847, 24.7260



20.1220, 20.1847, 22.6023



19.4018, 20.1847, 19.4410



18.2775, 20.1847, 21.3647

Rectangle

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



18.9697, 20.1847, 24.7260



19.7581, 20.1847, 24.2217



19.4018, 20.1847, 19.4410



18.6230, 20.1847, 19.8768

Sweetspot

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



18.9703, 20.1855, 24.7264



37.0604, 39.1235, 44.0514



19.4096, 21.8291, 22.5148



8.5417, 9.0245, 10.2444



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.



18.9703, 20.1855, 24.7264



32.1922, 34.3443, 43.3856



18.1424, 18.5299, 24.4505



4.6126, 4.9007, 5.9036



5.9252, 5.3982, 21.8664



0.0278, 0.0333, 0.0782

Inverse Universe

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



19.6963, 19.3435, 22.0985



33.7755, 32.5513, 37.6448



21.0057, 22.6532, 20.4054



4.7625, 4.7247, 5.3615



10.1689, 5.1319, 5.4617



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 18.9697, 20.1847, 24.7260 looks on a white background.

Color Contrast Check

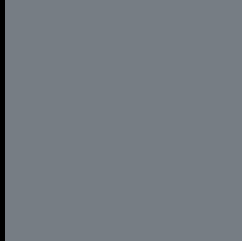
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9697, 20.1847, 24.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

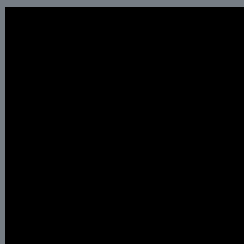
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

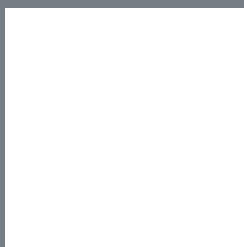
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9697, 20.1847, 24.7260

Background



This preview shows how black text looks on a background with the XYZ color 18.9697, 20.1847, 24.7260.



This preview shows how white text looks on a background with the XYZ color 18.9697, 20.1847,

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

18.9697, 20.1847, 24.7260

Protanopia

19.4919, 20.0897, 24.3231

Deuteranopia

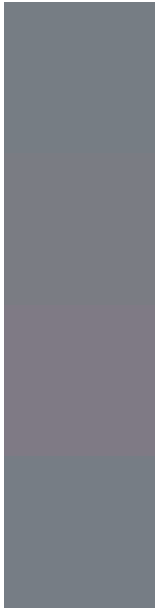
20.4658, 20.0319, 24.9782



Tritanopia

19.1079, 20.2400, 25.4539

Trichromacy



Original Color

18.9697, 20.1847, 24.7260

Protanomaly

19.3304, 20.1916, 24.3513

Deuteranomaly

19.9456, 20.1245, 25.0235

Tritanomaly

19.0385, 20.2122, 25.0882

Monochromacy



Original Color

18.9697, 20.1847, 24.7260

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0645, 20.0852, 22.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9697, 20.1847, 24.7260 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, 125, 132) looks like.

```
.text, #text, p{  
    color:rgb(118, 125, 132)  
}
```

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, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 125, 132) }
```

Border

The CSS property to change the border of an element to XYZ 18.9697, 20.1847, 24.7260 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, 125, 132) }
```


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

```
.border{ border-color:rgb(118, 125, 132) }
```

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

Here you see how a box with a 4 pixel rgb(118, 125, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(118, 125,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9697, 20.1847, 24.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 125, 132) }
```

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

```
.background{ background-color: rgb(118,  
125, 132) }
```

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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