

Converting Colors

XYZ(19.0569, 20.0003, 24.6270)

Have a look what the booklet for
XYZ(19.0569, 20.0003, 24.6270)
contains.

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Color

**XYZ(19.1182, 20.0743,
24.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	787C84
RGB	120, 124, 132
RGB Percent	47%, 49%, 52%
CMY	0.5294, 0.5137, 0.4823
CMYK	0.09, 0.06, 0.00, 0.48
HSL	220°, 5%, 49%
HSV	220°, 9%, 52%
XYZ	19.1182, 20.0743, 24.6969
YIQ	123.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

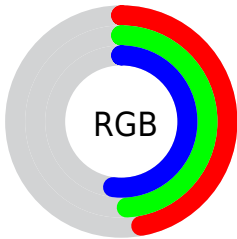
Format	Color
R_{YB}	120, 123, 132
Decimal	7896196
CIE Lab	51.92, 0.20, -4.87
CIE LCh	52, 4.870, 272.297
Yxy	20.0743, 0.2992, 0.3142
Android (android.graphics.Color)	4286086276 (0xFF787C84)
YUV	123.7160, 4.0840, -3.2589
Hunter-Lab	44.8044, -2.2409, -1.3186

Details

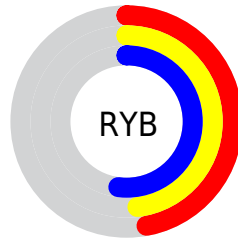
The XYZ color **19.1182, 20.0743, 24.6969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6251, 21.6997, 20.8710**, and the grayscale version is **19.0522, 20.0444, 21.8283**.

A 20% lighter version of the original color is **41.2955, 43.3241, 52.0848**, and **6.7499, 7.0344, 9.1856** is the 20% darker color. If you saturate the color by 10%, you get **16.3586, 17.0878, 24.2662**, and if you desaturate by 10%, it is **22.2298, 23.3894, 25.1731**.

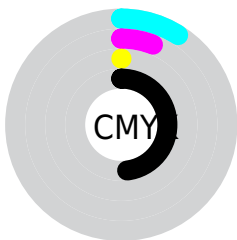
Distribution



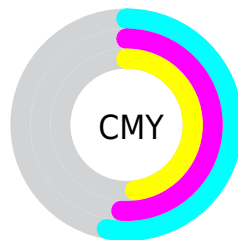
- Red (47%)
- Green (49%)
- Blue (52%)



- Red (47%)
- Yellow (48%)
- Blue (52%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1182, 20.0743, 24.6969 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 19.1182, 20.0743, 24.6969 by changing the saturation by 10% instead.

■ 19.1182, 20.0743,
24.6969

■ 19.1182, 20.0743,
24.6969

240.0261,
252.3171, 289.7243

■ 11.8602, 12.4491,
15.6344

■ 41.4491, 43.5417,
52.1231

■ 6.7201, 7.0503,
9.1143

■ 57.2527, 60.1527,
71.3239

■ 3.3324, 3.4936,
4.7180

■ 76.6355, 80.5277,
94.7412

■ 1.3319, 1.3945,
2.0269

99.9630, 105.0511,
122.7935

■ 0.2069, 0.2127,
0.5718

127.6004,
134.1074, 155.8995

■ 0.0000, 0.0000,
0.0000

159.9132,

168.0809, 194.4776

197.2666,
207.3560, 238.9463

■ 19.1182, 20.0743,
24.6969

■ 19.1182, 20.0743,
24.6969

■ 16.3586, 17.0878,
24.2662

■ 22.2298, 23.3894,
25.1731

■ 13.9363, 14.4169,
23.8783

■ 25.7038, 27.0405,
25.6947

■ 11.8384, 12.0515,
23.5323

■ 29.5522, 31.0378,
26.2635

■ 10.0502, 9.9799,
23.2267

■ 33.7861, 35.3905,
26.8805

■ 8.5560, 8.1897,
22.9599

■ 38.4160, 40.1074,
27.5469

■ 7.3385, 6.6674,
22.7303

■ 43.4521, 45.1967,
28.2638

■ 6.3784, 5.3982,
22.5359

■ 48.9042, 50.6668,
29.0323

■ 5.6539, 4.3658,
22.3748

■ 54.7817, 56.5254,
29.8533

■ 5.1116, 3.5370,
22.2434

■ 61.0936, 62.7803,
30.7279

Harmonies

Analogous

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



18.6408, 20.0743, 24.3617



19.1182, 20.0743, 24.6969



19.5933, 20.0743, 24.2444

Triad

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



19.1182, 20.0743, 24.6969



19.8962, 20.0743, 20.4327



18.2494, 20.0743, 20.6142

Complementary

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



19.1182, 20.0743, 24.6969



20.6251, 21.6997, 20.8710

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.



18.5758, 20.0743, 19.6326



19.1182, 20.0743, 24.6969



19.5261, 20.0743, 19.5311

Square

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



19.1182, 20.0743, 24.6969



20.0473, 20.0743, 21.7484



19.0419, 20.0743, 19.2445



18.1444, 20.0743, 21.9670

Rectangle

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



19.1182, 20.0743, 24.6969



19.8433, 20.0743, 23.5679



19.0419, 20.0743, 19.2445



18.3366, 20.0743, 20.2319

Sweetspot

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



19.1188, 20.0751, 24.6973



36.9029, 38.8085, 43.9990



19.8804, 22.0492, 23.5615



8.4964, 8.9339, 10.2293



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.



19.1188, 20.0751, 24.6973



32.5781, 34.1799, 43.3335



18.8794, 19.2222, 24.5453



4.5520, 4.7796, 5.8834



4.9101, 3.3681, 21.5280



0.0232, 0.0241, 0.0766

Inverse Universe

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



19.8707, 19.7941, 21.8431



34.1989, 33.5957, 37.1765



20.8784, 22.6206, 21.0354



4.7319, 4.7124, 5.2005



9.6565, 4.9270, 2.7636



0.0366, 0.0183, 0.0260

Previews

White Background



This preview shows how the XYZ color 19.1182, 20.0743, 24.6969 looks on a white background.

Color Contrast Check

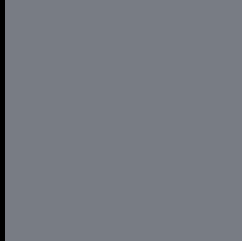
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1182, 20.0743, 24.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

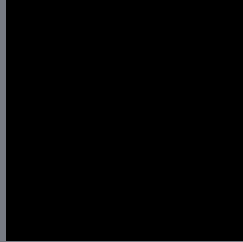
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

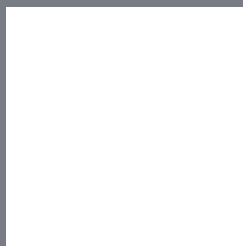
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1182, 20.0743, 24.6969

Background



This preview shows how black text looks on a background with the XYZ color 19.1182, 20.0743, 24.6969.



This preview shows how white text looks on a background with the XYZ color 19.1182, 20.0743,

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

19.1182, 20.0743, 24.6969

Protanopia

19.4919, 20.0897, 24.3231

Deuteranopia

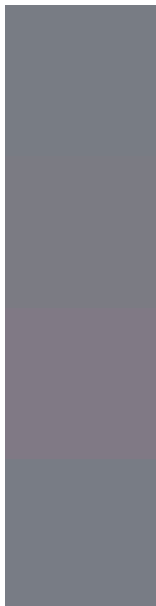
20.4658, 20.0319, 24.9782



Tritanopia

19.2565, 20.1296, 25.4247

Trichromacy



Original Color

19.1182, 20.0743, 24.6969

Protanomaly

19.3481, 20.0156, 24.3164

Deuteranomaly

19.9731, 19.9574, 24.9898

Tritanomaly

19.1870, 20.1018, 25.0591

Monochromacy



Original Color

19.1182, 20.0743, 24.6969

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2068, 20.1586, 22.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1182, 20.0743, 24.6969 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, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 124, 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(120, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 124, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.1182, 20.0743, 24.6969 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, 124, 132) }
```


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

```
.border{ border-color:rgb(120, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 124,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1182, 20.0743, 24.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 124, 132) }
```

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

```
.background{ background-color: rgb(120,  
124, 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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