

Converting Colors

XYZ(19.4048, 20.1678, 26.8801)

Have a look what the booklet for
XYZ(19.4048, 20.1678, 26.8801)
contains.

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Color

**XYZ(19.4028, 20.1722,
26.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	777C8A
RGB	119, 124, 138
RGB Percent	47%, 49%, 54%
CMY	0.5333, 0.5137, 0.4588
CMYK	0.14, 0.10, 0.00, 0.46
HSL	224°, 8%, 50%
HSV	224°, 14%, 54%
XYZ	19.4028, 20.1722, 26.9157
YIQ	124.1010, -7.4740, 3.2940

Conversions

Conversions Part 2

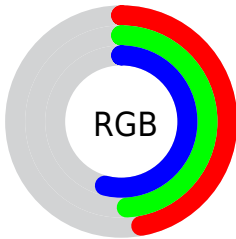
Format	Color
R_{YB}	119, 123, 138
Decimal	7830666
CIE _{Lab}	52.03, 1.17, -8.22
CIE _{LCh}	52, 8.307, 278.073
Yxy	20.1722, 0.2918, 0.3034
Android (android.graphics.Color)	4286020746 (0xFF777C8A)
YUV	124.1010, 6.8522, -4.4736
Hunter-Lab	44.9135, -1.4859, -4.0918

Details

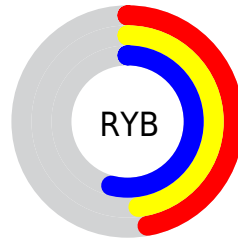
The XYZ color **19.4028, 20.1722, 26.9157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.1986, 23.5100, 20.8210**, and the grayscale version is **19.1719, 20.1704, 21.9655**.

A 20% lighter version of the original color is **41.7239, 43.4702, 55.4817**, and **6.8033, 7.0388, 10.2326** is the 20% darker color. If you saturate the color by 10%, you get **16.4356, 16.8481, 26.4308**, and if you desaturate by 10%, it is **22.7776, 23.9026, 27.4582**.

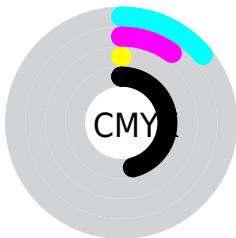
Distribution



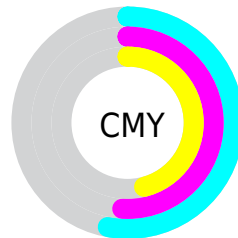
- Red (47%)
- Green (49%)
- Blue (54%)



- Red (47%)
- Yellow (48%)
- Blue (54%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4028, 20.1722, 26.9157 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 19.4028, 20.1722, 26.9157 by changing the saturation by 10% instead.

■ 19.4028, 20.1722,
26.9157

■ 19.4028, 20.1722,
26.9157

241.5592,
252.8458, 300.9960

■ 12.0674, 12.5203,
17.2780

■ 41.9253, 43.7057,
55.7507

■ 6.8621, 7.0991,
10.2689

■ 57.8431, 60.3561,
75.7850

■ 3.4216, 3.5241,
5.4697

■ 77.3524, 80.7747,
100.1221

■ 1.3804, 1.4111,
2.4619

100.8186,
105.3460, 129.1803

■ 0.2422, 0.2249,
0.8198

128.6070,
134.4544, 163.3783

■ 0.0000, 0.0000,
0.0000

161.0830,

168.4842, 203.1345

198.6119,
207.8199, 248.8676

■ 19.4028, 20.1722,
26.9157

■ 19.4028, 20.1722,
26.9157

■ 16.4356, 16.8481,
26.4308

■ 22.7776, 23.9026,
27.4582

■ 13.8585, 13.9137,
26.0002

■ 26.5731, 28.0500,
28.0587

■ 11.6553, 11.3550,
25.6225

■ 30.8040, 32.6280,
28.7193

■ 9.8078, 9.1562,
25.2954

■ 35.4838, 37.6486,
29.4417

■ 8.2965, 7.3003,
25.0169

■ 40.6254, 43.1235,
30.2275

■ 7.0996, 5.7688,
24.7843

■ 46.2410, 49.0640,
31.0782

■ 6.1928, 4.5412,
24.5952

■ 52.3425, 55.4808,
31.9951

■ 5.5470, 3.5941,
24.4464

■ 58.9415, 62.3843,
32.9799

■ 5.2284, 3.1168,
24.3711

■ 66.0489, 69.7848,
34.0337

Harmonies

Analogous

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



18.5710, 20.1722, 26.5835



19.4028, 20.1722, 26.9157



20.1955, 20.1722, 25.8462

Triad

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



19.4028, 20.1722, 26.9157



20.4846, 20.1722, 19.2104



17.7010, 20.1722, 20.2672

Complementary

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



19.4028, 20.1722, 26.9157



22.1986, 23.5100, 20.8210

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.



18.1858, 20.1722, 18.4916



19.4028, 20.1722, 26.9157



19.7880, 20.1722, 17.9135

Square

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



19.4028, 20.1722, 26.9157



20.8319, 20.1722, 21.3153



18.9452, 20.1722, 17.6604



17.6047, 20.1722, 22.6260

Rectangle

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



19.4028, 20.1722, 26.9157



20.5894, 20.1722, 24.5254



18.9452, 20.1722, 17.6604



17.8232, 20.1722, 19.5876

Sweetspot

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



19.4034, 20.1730, 26.9161



39.9489, 41.9120, 48.3675



20.9256, 23.7908, 25.6556



8.8655, 9.2964, 10.8335



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.



19.4034, 20.1730, 26.9161



32.2396, 33.3700, 47.1250



19.4151, 19.2720, 26.7416



4.8748, 5.0926, 6.3319



4.8044, 2.8791, 22.3482



0.0425, 0.0403, 0.1520

Inverse Universe

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



20.7166, 20.0525, 21.8484



35.1022, 33.1579, 36.0663



22.1811, 24.5420, 21.0211



5.0834, 5.0688, 5.5278



9.9118, 5.0749, 2.0401



0.0712, 0.0359, 0.0417

Previews

White Background



This preview shows how the XYZ color 19.4028, 20.1722, 26.9157 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 19.4028, 20.1722, 26.9157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

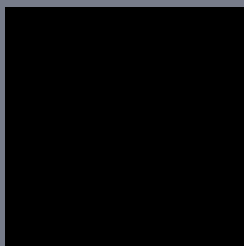
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

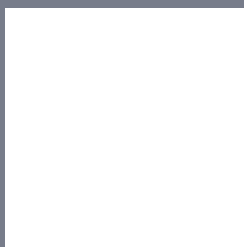
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4028, 20.1722, 26.9157

Background



This preview shows how black text looks on a background with the XYZ color 19.4028, 20.1722, 26.9157.



This preview shows how white text looks on a background with the XYZ color 19.4028, 20.1722,

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

19.4028, 20.1722, 26.9157

Protanopia

19.6244, 20.1096, 26.5141

Deuteranopia

20.5508, 20.2060, 27.2431



Tritanopia

19.1079, 20.2400, 25.4539

Trichromacy



Original Color

19.4028, 20.1722, 26.9157

Protanomaly

19.4835, 20.0370, 26.5076

Deuteranomaly

20.0772, 20.1431, 27.2559

Tritanomaly

19.1780, 20.2681, 25.8230

Monochromacy



Original Color

19.4028, 20.1722, 26.9157

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1961, 20.1379, 23.6441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4028, 20.1722, 26.9157 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(119, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 138)  
}
```

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(119, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.4028, 20.1722, 26.9157 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(119, 124, 138) }
```


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

```
.border{ border-color:rgb(119, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4028, 20.1722, 26.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 138) }
```

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

```
.background{ background-color: rgb(119,  
124, 138) }
```

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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