

Converting Colors

XYZ(19.1256, 20.7351, 31.3247)

Have a look what the booklet for
XYZ(19.1256, 20.7351, 31.3247)
contains.

XYZ(19.0878, 20.6724, 31.4179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0878, 20.6724,
31.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8095
RGB	106, 128, 149
RGB Percent	42%, 50%, 58%
CMY	0.5843, 0.4980, 0.4157
CMYK	0.29, 0.14, 0.00, 0.42
HSL	209°, 17%, 50%
HSV	209°, 29%, 58%
XYZ	19.0878, 20.6724, 31.4179
YIQ	123.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

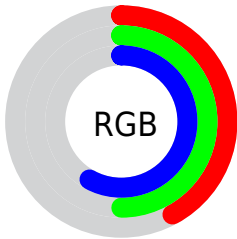
Format	Color
R_{YB}	106, 121, 149
Decimal	6979733
CIE _{Lab}	52.59, -2.84, -13.90
CIE _{LCh}	53, 14.191, 258.458
Yxy	20.6724, 0.2682, 0.2904
Android (android.graphics.Color)	4285169813 (0xFF6A8095)
YUV	123.8160, 12.4157, -15.6246
Hunter-Lab	45.4669, -4.6297, -9.1429

Details

The XYZ color **19.0878, 20.6724, 31.4179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.5856, 22.6090, 16.8097**, and the grayscale version is **19.0622, 20.0549, 21.8398**.

A 20% lighter version of the original color is **41.4039, 44.6286, 62.9319**, and **6.6879, 7.3437, 12.6203** is the 20% darker color. If you saturate the color by 10%, you get **16.5534, 18.0075, 31.0375**, and if you desaturate by 10%, it is **21.9992, 23.6337, 31.8364**.

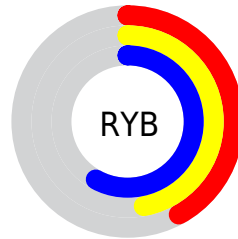
Distribution



Red (42%)

Green (50%)

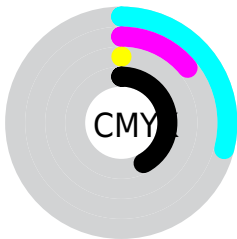
Blue (58%)



Red (42%)

Yellow (47%)

Blue (58%)

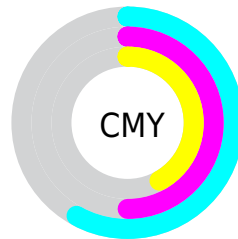


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0878, 20.6724, 31.4179 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 19.0878, 20.6724, 31.4179 by changing the saturation by 10% instead.

■ 19.0878, 20.6724,
31.4179

■ 19.0878, 20.6724,
31.4179

239.8619,
255.5323, 322.8696

■ 11.8381, 12.8847,
20.6561

■ 41.3981, 44.5417,
62.9847

■ 6.7050, 7.3492,
12.6841

■ 57.1895, 61.3921,
84.6268

■ 3.3230, 3.6815,
7.0832

■ 76.5588, 82.0322,
110.7328

■ 1.3268, 1.4970,
3.4350

■ 99.8714, 106.8464,
141.7212

■ 0.2031, 0.2866,
1.3208

127.4926,
136.2192, 178.0105

■ 0.0000, 0.0000,
0.0787

159.7879,

■ 0.0000, 0.0000,

170.5348, 220.0193

0.0000

197.1225,
210.1777, 268.1662

■ 19.0878, 20.6724,
31.4179

■ 19.0878, 20.6724,
31.4179

■ 16.5534, 18.0075,
31.0375

■ 21.9992, 23.6337,
31.8364

■ 14.3768, 15.6256,
30.6924

■ 25.3019, 26.8993,
32.2926

■ 12.5399, 13.5155,
30.3819

■ 29.0116, 30.4798,
32.7882

■ 11.0219, 11.6643,
30.1046

■ 33.1427, 34.3845,
33.3242

■ 9.7995, 10.0578,
29.8590

■ 37.7087, 38.6223,
33.9015

■ 8.8461, 8.6797,
29.6432

■ 42.7227, 43.2017,
34.5212

■ 8.1048, 7.4982,
29.4542

■ 48.1969, 48.1310,
35.1841

■ 8.0257, 7.3716,
29.4340

■ 54.1432, 53.4178,
35.8911

■ 60.5733, 59.0700,
36.6432

Harmonies

Analogous

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



17.8313, 20.6724, 29.1346



19.0878, 20.6724, 31.4179



20.5580, 20.6724, 31.1030

Triad

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



19.0878, 20.6724, 31.4179



22.4563, 20.6724, 20.0395



17.6060, 20.6724, 17.5513

Complementary

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



19.0878, 20.6724, 31.4179



22.5856, 22.6090, 16.8097

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.



18.7662, 20.6724, 15.6642



19.0878, 20.6724, 31.4179



21.5852, 20.6724, 16.9723

Square

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



19.0878, 20.6724, 31.4179



22.5530, 20.6724, 24.1693



20.2201, 20.6724, 15.4664



17.0047, 20.6724, 20.9260

Rectangle

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



19.0878, 20.6724, 31.4179



21.4612, 20.6724, 29.4688



20.2201, 20.6724, 15.4664



17.9408, 20.6724, 16.7411

Sweetspot

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



19.0884, 20.6732, 31.4184



45.1088, 47.9741, 57.8037



20.5084, 26.0861, 23.9594



9.8137, 10.4526, 12.7851



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0884, 20.6732, 31.4184



31.0032, 33.6959, 55.7912



16.5973, 15.6910, 30.5880



5.7301, 6.0942, 7.3440



6.7845, 6.2638, 24.7825



0.1125, 0.1356, 0.3132

Inverse Universe

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



21.4452, 18.2566, 22.8165



36.0583, 28.9187, 37.2498



25.6307, 28.6994, 17.8248



5.9172, 5.8619, 6.6702



11.5516, 5.8257, 6.3856



0.1563, 0.0773, 0.1565

Previews

White Background



This preview shows how the XYZ color 19.0878, 20.6724, 31.4179 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 19.0878, 20.6724, 31.4179 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

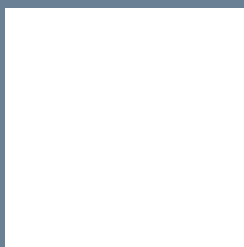
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0878, 20.6724, 31.4179

Background



This preview shows how black text looks on a background with the XYZ color 19.0878, 20.6724, 31.4179.

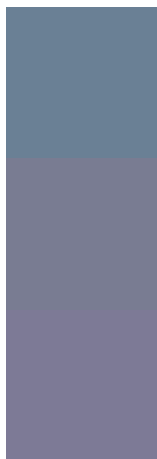


This preview shows how white text looks on a background with the XYZ color 19.0878, 20.6724,

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

19.0878, 20.6724, 31.4179

Protanopia

20.2811, 20.5556, 30.0928

Deuteranopia

20.9220, 20.4810, 31.7047



Tritanopia

18.4252, 20.8018, 27.8550

Trichromacy



Original Color

19.0878, 20.6724, 31.4179

Protanomaly

19.8025, 20.4868, 30.5144

Deuteranomaly

20.1839, 20.4689, 31.7412

Tritanomaly

18.6339, 20.6869, 28.9975

Monochromacy



Original Color

19.0878, 20.6724, 31.4179

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9034, 20.1426, 25.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0878, 20.6724, 31.4179 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(106, 128, 149) looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 149)  
}
```

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(106, 128, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.0878, 20.6724, 31.4179 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(106, 128, 149) }
```


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

```
.border{ border-color:rgb(106, 128, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0878, 20.6724, 31.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 149) }
```

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

```
.background{ background-color: rgb(106,  
128, 149) }
```

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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