

Converting Colors

YUV(164.7430, 19.8467,
-19.0686)

Have a look what the booklet for
YUV(164.7430, 19.8467, -19.0686)
contains.

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Color

**YUV(164.7430, 19.8467,
-19.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA8CD
RGB	143, 168, 205
RGB Percent	56%, 66%, 80%
CMY	0.4392, 0.3412, 0.1961
CMYK	0.30, 0.18, 0.00, 0.20
HSL	216°, 38%, 68%
HSV	216°, 30%, 80%
XYZ	36.3498, 38.2527, 63.2253
YIQ	164.7430, -26.7770, 6.2070

Conversions

Conversions Part 2

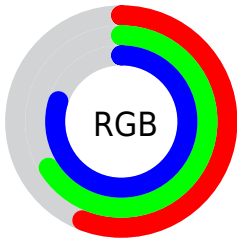
Format	Color
R _Y B	143, 161, 205
Decimal	9414861
CIE Lab	68.21, -0.03, -21.67
CIE LCh	68, 21.672, 269.927
Yxy	38.2527, 0.2637, 0.2775
Android (android.graphics.Color)	4287604941 (0xFF8FA8CD)
YUV	164.7430, 19.8467, -19.0686
Hunter-Lab	61.8488, -3.3272, -17.3154

Details

The YUV color **164.7430, 19.8467, -19.0686** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.2570, -19.8467, 19.0686**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1730, 17.6627, -18.5687**, and **112.5150, 18.9731, -18.8687** is the 20% darker color. If you saturate the color by 10%, you get **151.4200, 26.4149, -25.8013**, and if you desaturate by 10%, it is **177.7670, 13.4259, -12.9507**.

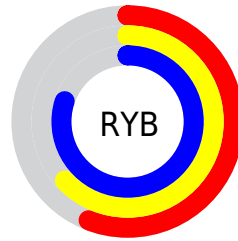
Distribution



Red (56%)

Green (66%)

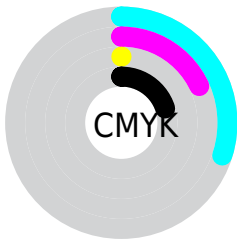
Blue (80%)



Red (56%)

Yellow (63%)

Blue (80%)

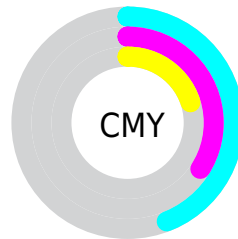


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7430, 19.8467, -19.0686 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 YUV color 164.7430, 19.8467, -19.0686 by changing the saturation by 10% instead.

■ 164.7430, 19.8467,
-19.0686

■ 164.7430, 19.8467,
-19.0686

255.0000, 0.0000,
0.0000

■ 138.5150, 18.9731,
-18.8687

■ 219.1730, 17.6627,
-18.5687

■ 112.5150, 18.9731,
-18.8687

■ 244.5680, 5.1430,
-16.2841

■ 87.9880, 18.2469,
-19.2835

■ 63.2760, 18.1049,
-20.4131

■ 39.5530, 17.9684,
-23.2870

■ 21.3040, 15.6261,
-18.6836

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 164.7430, 19.8467,
-19.0686

■ 164.7430, 19.8467,
-19.0686

■ 151.4200, 26.4149,
-25.8013

■ 177.7670, 13.4259,
-12.9507

■ 138.3960, 32.8358,
-31.9193

■ 191.0900, 6.8576,
-6.2179

■ 124.4860, 39.6934,
-38.1372

■ 205.0000, 0.0000,
0.0000

■ 111.4620, 46.1142,
-44.2552

■ 218.0240, -6.4208,
6.1180

■ 98.1390, 52.6825,
-50.9879

■ 231.3470,
-12.9891, 12.8507

■ 85.1150, 59.1033,
-57.1059

■ 241.0820,
-17.7884, 12.2061

■ 72.0910, 65.5241,
-63.2238

■ 248.7130,
-21.5505, 5.5137

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



160.7040, 18.8799, -35.6974



164.7430, 19.8467, -19.0686



168.1370, 15.7085, 1.6339

Triad

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



164.7430, 19.8467, -19.0686



168.8640, -10.2860, 32.5683



160.6310, -7.2131, -19.8474

Complementary

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



164.7430, 19.8467, -19.0686



183.2570, -19.8467, 19.0686

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.



163.2650, -15.4136, -2.8634



164.7430, 19.8467, -19.0686



167.1100, -16.8162, 27.0905

Square

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



164.7430, 19.8467, -19.0686



169.2580, -1.1132, 30.4687



165.4520, -18.9568, 13.6356



158.4040, 3.7448, -34.5573

Rectangle

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



164.7430, 19.8467, -19.0686



169.3620, 11.1605, 13.7145



165.4520, -18.9568, 13.6356



161.5670, -10.1395, -14.5293

Sweetspot

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



164.7430, 19.8467, -19.0686



239.9050, 7.4418, -6.9327



183.4980, -2.2175, -35.5167



118.2320, 4.8156, -4.5885



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



164.7430, 19.8467, -19.0686



195.2070, 29.4779, -28.2455



151.5630, 26.3444, -3.1248



95.4880, 3.2104, -3.0590



58.2530, 53.1193, -51.0879



13.1370, 12.2575, -11.5211

Inverse Universe

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



164.3880, 1.7807, 35.6167



194.7260, 2.6001, 52.8603



196.4370, -26.3444, 3.1248



95.4460, 0.2731, 5.7479



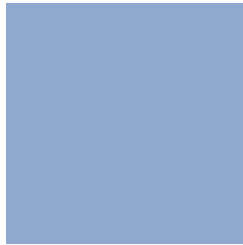
57.2720, 4.7959, 95.3545



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 164.7430, 19.8467, -19.0686 looks on a white background.

Color Contrast Check

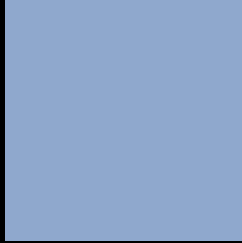
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 164.7430, 19.8467, -19.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

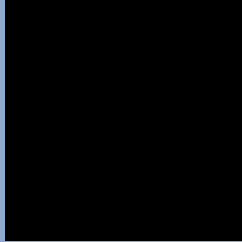
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

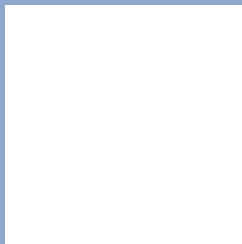
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.7430, 19.8467, -19.0686

Background



This preview shows how black text looks on a background with the YUV color 164.7430, 19.8467, -19.0686.



This preview shows how white text looks on a background with the YUV color 164.7430, 19.8467, -19.0686.

-19.0686.

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

164.7430, 19.8467, -19.0686

Protanopia

166.2390, 17.6302, -8.1026

Deuteranopia

167.6030, 18.9297, -4.9138



Tritanopia

163.0280, 10.8322, -21.0726

Trichromacy



Original Color

164.7430, 19.8467, -19.0686

Protanomaly

165.4450, 18.5146, -11.7913

Deuteranomaly

166.6840, 19.3828, -10.2469

Tritanomaly

163.5380, 14.0318, -20.6428

Monochromacy



Original Color

164.7430, 19.8467, -19.0686

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7430, 19.8467, -19.0686 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(143, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 168, 205)  
}
```

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(143, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 168, 205) }
```

Border

The CSS property to change the border of an element to YUV 164.7430, 19.8467, -19.0686 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(143, 168, 205) }
```


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

```
.border{ border-color:rgb(143, 168, 205) }
```

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

Here you see how a box with a 4 pixel rgb(143, 168, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 168,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 164.7430, 19.8467, -19.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 168, 205) }
```

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

```
.background{ background-color: rgb(143,  
168, 205) }
```

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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