

Converting Colors

YUV(142.2760, 18.1049,
-20.4131)

Have a look what the booklet for
YUV(142.2760, 18.1049, -20.4131)
contains.

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Color

**YUV(142.2760, 18.1049,
-20.4131)**

Conversions

Conversions Part 1

Format	Color
Hex	7793B3
RGB	119, 147, 179
RGB Percent	47%, 58%, 70%
CMY	0.5333, 0.4235, 0.2980
CMYK	0.34, 0.18, 0.00, 0.30
HSL	212°, 28%, 58%
HSV	212°, 34%, 70%
XYZ	26.1782, 28.0440, 46.6811
YIQ	142.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

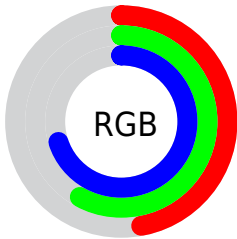
Format	Color
R_{YB}	119, 138, 179
Decimal	7836595
CIE _{Lab}	59.93, -1.96, -19.90
CIE _{LCh}	60, 19.993, 264.364
Yxy	28.0440, 0.2594, 0.2779
Android (android.graphics.Color)	4286026675 (0xFF7793B3)
YUV	142.2760, 18.1049, -20.4131
Hunter-Lab	52.9566, -4.4359, -15.1943

Details

The YUV color $142.2760, 18.1049, -20.4131$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $155.7240, -18.1049, 20.4131$, and the grayscale version is $142.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $196.5040, 18.9785, -20.6130$, and $91.6350, 16.9419, -20.7279$ is the 20% darker color. If you saturate the color by 10%, you get $131.0240, 23.6522, -26.3310$, and if you desaturate by 10%, it is $153.5280, 12.5577, -14.4951$.

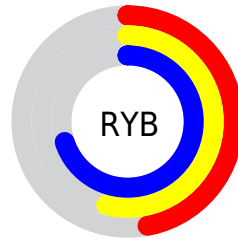
Distribution



Red (47%)

Green (58%)

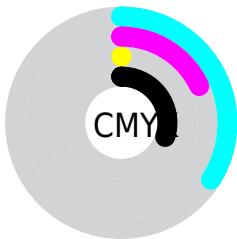
Blue (70%)



Red (47%)

Yellow (54%)

Blue (70%)

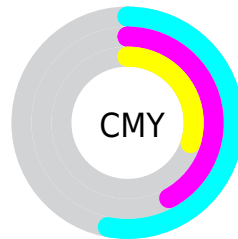


Cyan (34%)

Magenta (18%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2760, 18.1049, -20.4131 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 142.2760, 18.1049, -20.4131 by changing the saturation by 10% instead.

■ 142.2760, 18.1049,
-20.4131

■ 142.2760, 18.1049,
-20.4131

255.0000, 0.0000,
0.0000

■ 116.1620, 17.6681,
-20.3131

■ 196.5040, 18.9785,
-20.6130

■ 91.6350, 16.9419,
-20.7279

■ 223.5920, 15.4841,
-19.8132

■ 67.2220, 16.6526,
-21.2427

■ 247.2260, 3.8326,
-15.9842

■ 42.9120, 16.8054,
-23.6018

■ 23.7660, 14.9054,
-20.8428

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 142.2760, 18.1049,
-20.4131

■ 142.2760, 18.1049,
-20.4131

■ 131.0240, 23.6522,
-26.3310

■ 153.5280, 12.5577,
-14.4951

■ 120.3590, 28.9100,
-32.7638

■ 164.1930, 7.2999,
-8.0623

■ 109.1070, 34.4572,
-38.6818

■ 175.4450, 1.7526,
-2.1443

■ 98.4420, 39.7151,
-45.1146

■ 186.1100, -3.5052,
4.2885

■ 87.4890, 45.1149,
-50.4179

■ 197.3620, -9.0525,
10.2065

■ 76.8240, 50.3728,
-56.8506

■ 207.7280,
-14.1629, 16.0245

■ 69.7140, 53.8780,
-61.1392

■ 218.9800,
-19.7101, 21.9425

■ 227.5520,
-23.9361, 24.0719

■ 233.4220,
-26.8300, 18.9239

Harmonies

Analogous

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



138.7320, 16.4011, -33.9680



142.2760, 18.1049, -20.4131



145.5880, 14.9931, -2.2697

Triad

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



142.2760, 18.1049, -20.4131



147.1240, -7.9491, 29.7093



139.7240, -8.2449, -15.5439

Complementary

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



142.2760, 18.1049, -20.4131



155.7240, -18.1049, 20.4131

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.



142.1020, -14.8403, -0.0895



142.2760, 18.1049, -20.4131



145.0820, -14.3374, 25.3611

Square

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



142.2760, 18.1049, -20.4131



147.2790, 0.3555, 26.0653



144.0330, -16.7783, 14.8801



137.4540, 1.2552, -29.3392

Rectangle

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



142.2760, 18.1049, -20.4131



147.0410, 11.3188, 9.6110



144.0330, -16.7783, 14.8801



140.7740, -10.7346, -10.3258

Sweetspot

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



142.2760, 18.1049, -20.4131



218.0790, 6.8631, -7.9623



157.8680, -3.3859, -34.0872



108.7050, 4.0894, -5.0033



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



142.2760, 18.1049, -20.4131



175.4300, 27.8890, -31.9491



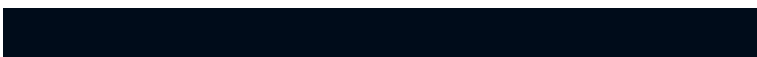
126.4380, 25.9131, -4.7691



83.3740, 2.7736, -2.9590



59.1190, 46.2833, -51.8474



10.0080, 7.8841, -8.7770

Inverse Universe

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



140.1320, 3.3859, 34.0872



171.8230, 5.5103, 52.7752



171.5620, -25.9131, 4.7691



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 142.2760, 18.1049, -20.4131 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 YUV color 142.2760, 18.1049, -20.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

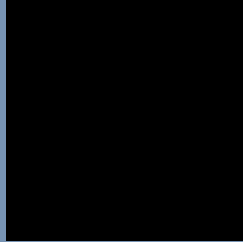
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

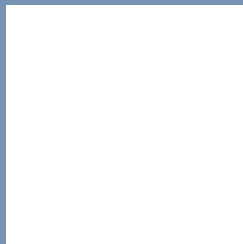
Any Text WCAG AAA × Fail

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

YUV 142.2760, 18.1049, -20.4131 Background



This preview shows how black text looks on a background with the YUV color 142.2760, 18.1049, -20.4131.



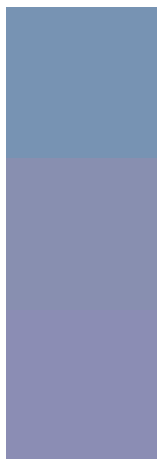
This preview shows how white text looks on a background with the YUV color 142.2760, 18.1049, -20.4131.

-20.4131.

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

142.2760, 18.1049, -20.4131

Protanopia

144.6690, 15.4462, -7.6027

Deuteranopia

144.8480, 17.3299, -5.1287



Tritanopia

140.9030, 10.4008, -22.7169

Trichromacy



Original Color

142.2760, 18.1049, -20.4131

Protanomaly

143.5760, 16.4780, -11.9062

Deuteranomaly

143.9290, 17.7830, -10.4617

Tritanomaly

141.2990, 13.1636, -22.1872

Monochromacy



Original Color

142.2760, 18.1049, -20.4131

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2760, 18.1049, -20.4131 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, 147, 179)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 179)  
}
```

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, 147, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 179) }
```

Border

The CSS property to change the border of an element to YUV 142.2760, 18.1049, -20.4131 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

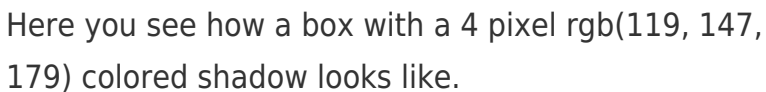
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 147, 179) }
```


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

```
.border{ border-color:rgb(119, 147, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 147, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 147, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 147, 179); box-shadow:4px 4px 4px 4px rgb(119, 147, 179) }
```

Background

The CSS property to change the background color of an element to YUV 142.2760, 18.1049, -20.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 179) }
```

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

```
.background{ background-color: rgb(119,  
147, 179) }
```

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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