

Converting Colors

YUV(172.2760, 18.1049,
-20.4131)

Have a look what the booklet for
YUV(172.2760, 18.1049, -20.4131)
contains.

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Color

**YUV(172.2760, 18.1049,
-20.4131)**

Conversions

Conversions Part 1

Format	Color
Hex	95B1D1
RGB	149, 177, 209
RGB Percent	58%, 69%, 82%
CMY	0.4157, 0.3059, 0.1804
CMYK	0.29, 0.15, 0.00, 0.18
HSL	212°, 39%, 70%
HSV	212°, 29%, 82%
XYZ	39.6252, 42.4373, 66.4243
YIQ	172.2760, -26.9600, 4.0160

Conversions

Conversions Part 2

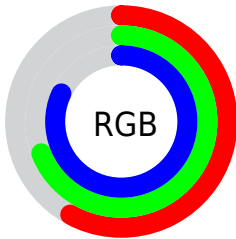
Format	Color
RYB	149, 168, 209
Decimal	9810385
CIELab	71.17, -2.22, -19.33
CIElCh	71, 19.455, 263.453
Yxy	42.4373, 0.2669, 0.2858
Android (android.graphics.Color)	4288000465 (0xFF95B1D1)
YUV	172.2760, 18.1049, -20.4131
Hunter-Lab	65.1439, -5.4254, -14.8546

Details

The YUV color $172.2760, 18.1049, -20.4131$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $185.7240, -18.1049, 20.4131$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8370, 13.8844, -20.0280$, and $120.0480, 17.2313, -20.2131$ is the 20% darker color. If you saturate the color by 10%, you get $159.5400, 24.3838, -27.6606$, and if you desaturate by 10%, it is $185.0120, 11.8261, -13.1655$.

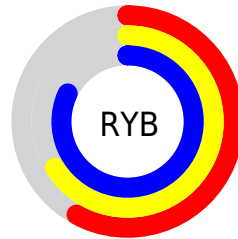
Distribution



Red (58%)

Green (69%)

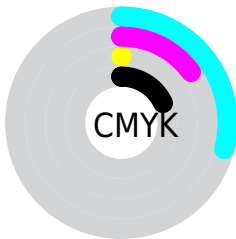
Blue (82%)



Red (58%)

Yellow (66%)

Blue (82%)

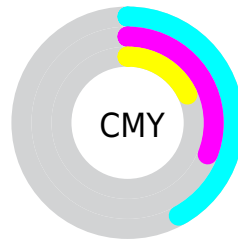


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2760, 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 172.2760, 18.1049, -20.4131 by changing the saturation by 10% instead.

■ 172.2760, 18.1049,
-20.4131

■ 172.2760, 18.1049,
-20.4131

255.0000, 0.0000,
0.0000

■ 145.1620, 17.6681,
-20.3131

■ 226.8370, 13.8844,
-20.0280

■ 120.0480, 17.2313,
-20.2131

■ 248.4220, 3.2430,
-13.5251

■ 94.5210, 16.5051,
-20.6279

■ 70.1080, 16.2158,
-21.1427

■ 46.0970, 16.2212,
-22.8871

■ 25.1680, 15.2002,
-22.0723

■ 8.6860, 12.9728,

-7.6176

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 172.2760, 18.1049,
-20.4131

■ 172.2760, 18.1049,
-20.4131

■ 159.5400, 24.3838,
-27.6606

■ 185.0120, 11.8261,
-13.1655

■ 146.8040, 30.6626,
-34.9081

■ 197.7480, 5.5472,
-5.9180

■ 134.0680, 36.9415,
-42.1556

■ 210.4840, -0.7316,
1.3295

■ 120.7450, 43.5097,
-48.8884

■ 223.8070, -7.2999,
8.0623

■ 108.3080, 49.6412,
-55.5211

■ 236.5430,
-13.5787, 15.3098

■ 95.5720, 55.9200,
-62.7686

■ 243.2990,
-16.9094, 10.2618

■ 82.8360, 62.1989,
-70.0162

■ 249.7560,
-20.0927, 4.5990

■ 81.3520, 62.9305,
-71.3457

Harmonies

Analogous

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



169.0310, 16.2537, -33.3532



172.2760, 18.1049, -20.4131



175.4030, 15.5773, -2.9844

Triad

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



172.2760, 18.1049, -20.4131



176.5370, -7.6597, 30.2241



170.0230, -8.3923, -14.9292

Complementary

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



172.2760, 18.1049, -20.4131



185.7240, -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.



171.8140, -14.6983, 1.0401



172.2760, 18.1049, -20.4131



175.3810, -14.4848, 25.9759

Square

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



172.2760, 18.1049, -20.4131



177.3930, 0.7923, 25.9653



174.2180, -17.3625, 15.5948



167.7530, 1.1078, -28.7244

Rectangle

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



172.2760, 18.1049, -20.4131



176.7420, 11.4662, 8.9963



174.2180, -17.3625, 15.5948



170.6600, -11.1714, -10.2258

Sweetspot

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



172.2760, 18.1049, -20.4131



241.0790, 6.8631, -7.9623



187.8680, -3.3859, -34.0872



118.8190, 4.5262, -5.1033



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.



172.2760, 18.1049, -20.4131



201.9850, 26.1364, -29.8048



156.4380, 25.9131, -4.7691



98.1890, 3.3578, -3.6738



65.5250, 50.5202, -57.4654



15.8270, 12.4103, -13.8803

Inverse Universe

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



170.1320, 3.3859, 34.0872



198.6870, 5.0843, 49.3865



201.5620, -25.9131, 4.7691



97.8590, 0.5625, 6.2627



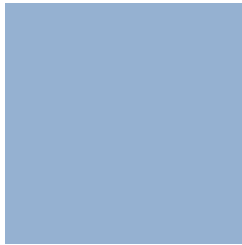
59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 172.2760, 18.1049, -20.4131 looks on a white background.

Color Contrast Check

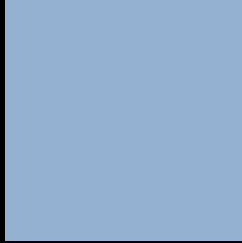
Large Text (above 18pt) WCAG AA × Fail

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 172.2760, 18.1049, -20.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

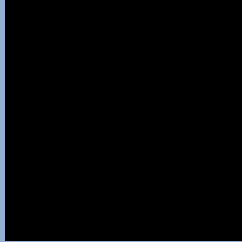
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

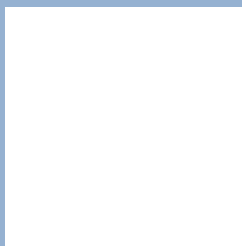
Any Text WCAG AAA ✓ Pass

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

YUV 172.2760, 18.1049, -20.4131 Background



This preview shows how black text looks on a background with the YUV color 172.2760, 18.1049, -20.4131.



This preview shows how white text looks on a background with the YUV color 172.2760, 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

172.2760, 18.1049, -20.4131

Protanopia

174.3810, 15.5882, -6.4731

Deuteranopia

175.4570, 17.0297, -2.1548



Tritanopia

171.4300, 11.1270, -22.3021

Trichromacy



Original Color

172.2760, 18.1049, -20.4131

Protanomaly

173.5760, 16.4780, -11.9062

Deuteranomaly

174.5270, 17.4882, -9.2322

Tritanomaly

171.7120, 13.4530, -21.6724

Monochromacy



Original Color

172.2760, 18.1049, -20.4131

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2760, 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(149, 177, 209)` looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 209)  
}
```

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(149, 177, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 209) }
```

Border

The CSS property to change the border of an element to YUV 172.2760, 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(149, 177, 209) }
```


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

```
.border{ border-color:rgb(149, 177, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 177, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 209);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 172.2760, 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(149, 177, 209) }
```

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

```
.background{ background-color: rgb(149,  
177, 209) }
```

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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