

Converting Colors

YUV(190.8320, 21.2818,
-59.4887)

Have a look what the booklet for
YUV(190.8320, 21.2818, -59.4887)
contains.

| | |
|--|----|
| YUV(190.8320, 21.2818, -59.4887) | 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

**YUV(190.8320, 21.2818,
-59.4887)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7BD9EA |
| RGB | 123, 217, 234 |
| RGB Percent | 48%, 85%, 92% |
| CMY | 0.5176, 0.1490, 0.0824 |
| CMYK | 0.47, 0.07, 0.00, 0.08 |
| HSL | 189°, 73%, 70% |
| HSV | 189°, 47%, 92% |
| XYZ | 47.8325, 59.7772, 86.8590 |
| YIQ | 190.8320, -61.4810, -14.6410 |

Conversions

Conversions Part 2

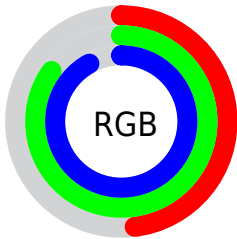
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 123, 174, 234 |
| Decimal | 8116714 |
| CIE Lab | 81.72, -23.49, -17.01 |
| CIE LCh | 82, 28.998, 215.916 |
| Yxy | 59.7772, 0.2460, 0.3074 |
| Android (android.graphics.Color) | 4286306794 (0xFF7BD9EA) |
| YUV | 190.8320, 21.2818, -59.4887 |
| Hunter-Lab | 77.3157, -24.8708, -12.4874 |

Details

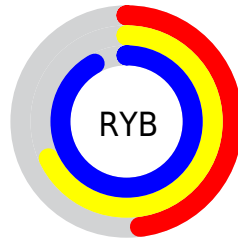
The YUV color **190.8320, 21.2818, -59.4887** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.1680, -21.2818, 59.4887**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **133.9240, 21.7295, -63.0773** is the 20% darker color. If you saturate the color by 10%, you get **181.6070, 25.8297, -71.5693**, and if you desaturate by 10%, it is **200.0570, 16.7339, -47.4080**.

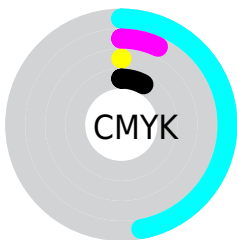
Distribution



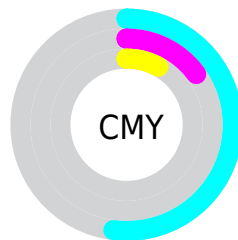
- Red (48%)
- Green (85%)
- Blue (92%)



- Red (48%)
- Yellow (68%)
- Blue (92%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8320, 21.2818, -59.4887 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 190.8320, 21.2818, -59.4887 by changing the saturation by 10% instead.

190.8320, 21.2818,
-59.4887

190.8320, 21.2818,
-59.4887

255.0000, 0.0000,
0.0000

162.5330, 21.4292,
-60.1034

232.8740, 10.9081,
-45.4935

133.9240, 21.7295,
-63.0773

241.8440, 6.4859,
-27.0502

103.7380, 23.7932,
-71.6842

250.8140, 2.0637,
-8.6069

78.9340, 23.2035,
-69.2251

61.4090, 19.5184,
-53.8557

45.1720, 15.6912,
-39.6158

29.0490, 12.3008,

-25.4760

■ 11.3930, 10.6523,
-9.9917

■ 0.7980, 3.0576,
-0.6998

■ 190.8320, 21.2818,
-59.4887

■ 190.8320, 21.2818,
-59.4887

■ 181.6070, 25.8297,
-71.5693

■ 200.0570, 16.7339,
-47.4080

■ 172.6700, 30.2357,
-84.7796

■ 208.9940, 12.3280,
-34.1977

■ 163.4450, 34.7836,
-96.8603

■ 218.2190, 7.7800,
-22.1171

■ 154.5080, 39.1896,
-110.0705

■ 227.1560, 3.3741,
-8.9068

■ 145.2830, 43.7375,
-122.1512

■ 236.3810, -1.1738,
3.1739

■ 142.9020, 44.9113,
-125.3251

■ 243.2140, -4.5425,
10.3363

■ 244.9750, -5.4107,
8.7919

■ 247.3230, -6.5682,
6.7327

■ 249.0840, -7.4364,
5.1883

Harmonies

Analogous

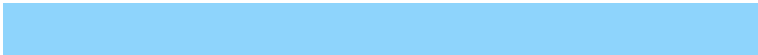
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.4340, 8.1670, -53.0006



190.8320, 21.2818, -59.4887



195.6300, 27.7904, -47.0335

Triad

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



190.8320, 21.2818, -59.4887



207.6030, 9.0697, 31.0432



201.3290, -25.7982, 14.6205

Complementary

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



190.8320, 21.2818, -59.4887



166.1680, -21.2818, 59.4887

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.



203.7920, -24.5475, 33.5084



190.8320, 21.2818, -59.4887



206.3520, -3.6245, 42.6643

Square

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



190.8320, 21.2818, -59.4887



206.0220, 20.2022, 6.9967



205.1490, -15.8495, 43.7193



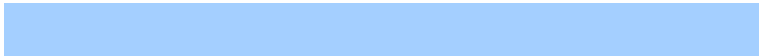
198.1950, -19.3231, -8.9410

Rectangle

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



190.8320, 21.2818, -59.4887



199.6150, 27.3048, -31.2344



205.1490, -15.8495, 43.7193



202.2590, -26.2567, 21.6979

Sweetspot

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



190.8320, 21.2818, -59.4887



241.3010, 6.7536, -19.5580



190.0950, -24.6968, -58.8423



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



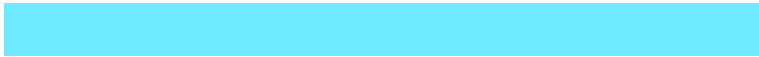
128.0000, 0.0000, 0.0000

Same Dimension

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



190.8320, 21.2818, -59.4887



198.7310, 27.7406, -77.8171



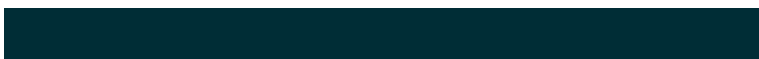
158.5470, 37.1983, -31.1747



113.1240, 1.9109, -6.2477



110.4450, 34.7836, -96.8603



32.5710, 10.5645, -28.5648

Inverse Universe

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



166.9050, 24.6968, 58.8423



167.3770, 32.3521, 76.8454



198.4530, -37.1983, 31.1747



110.4290, 2.7465, 5.7628



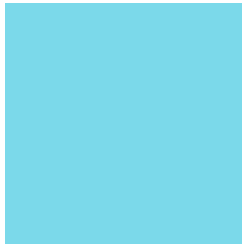
71.5610, 40.1494, 95.9780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 190.8320, 21.2818, -59.4887 looks on a white background.

Color Contrast Check

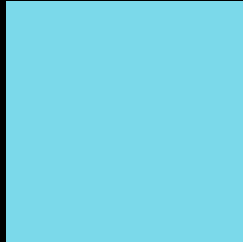
Large Text (above 18pt) WCAG AA × Fail

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 190.8320, 21.2818, -59.4887 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 190.8320, 21.2818, -59.4887 Background



This preview shows how black text looks on a background with the YUV color 190.8320, 21.2818, -59.4887.



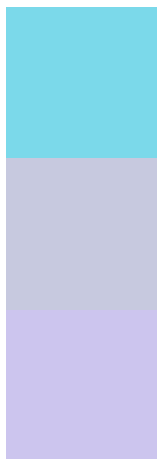
This preview shows how white text looks on a background with the YUV color 190.8320, 21.2818, -59.4887.

-59.4887.

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

190.8320, 21.2818, -59.4887

Protanopia

202.9100, 9.9044, -3.4291

Deuteranopia

203.7670, 16.8769, 0.2043



Tritanopia

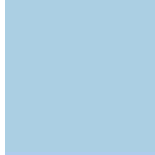
190.8320, 21.2818, -59.4887

Trichromacy



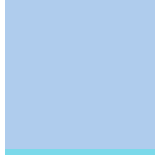
Original Color

190.8320, 21.2818, -59.4887



Protanomaly

198.5160, 14.0426, -24.1315



Deuteranomaly

199.0910, 18.6891, -21.1278



Tritanomaly

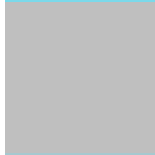
190.8320, 21.2818, -59.4887

Monochromacy



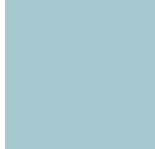
Original Color

190.8320, 21.2818, -59.4887



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.6320, 8.0694, -21.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8320, 21.2818, -59.4887 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(123, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(123, 217, 234)  
}
```

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(123, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 217, 234) }
```

Border

The CSS property to change the border of an element to YUV 190.8320, 21.2818, -59.4887 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(123, 217, 234) }
```


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

```
.border{ border-color:rgb(123, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(123, 217,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 190.8320, 21.2818, -59.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 217, 234) }
```

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

```
.background{ background-color: rgb(123,  
217, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor