

# Converting Colors

YUV(191.4780, 18.0053,  
-81.9802)

Have a look what the booklet for  
YUV(191.4780, 18.0053, -81.9802)  
contains.

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# Color

**YUV(191.4780, 18.0053,  
-81.9802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62E8E4
RGB	98, 232, 228
RGB Percent	38%, 91%, 89%
CMY	0.6157, 0.0902, 0.1059
CMYK	0.58, 0.00, 0.02, 0.09
HSL	178°, 74%, 65%
HSV	178°, 58%, 91%
XYZ	47.8972, 65.9113, 83.5965
YIQ	191.4780, -78.5800, -29.6520

# Conversions

## Conversions Part 2

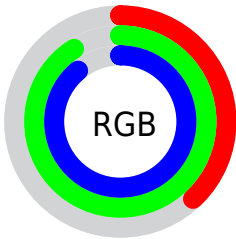
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 166, 232
Decimal	6482148
CIELab	84.95, -37.25, -9.08
CIELCh	85, 38.338, 193.703
Yxy	65.9113, 0.2426, 0.3339
Android (android.graphics.Color)	4284672228 (0xFF62E8E4)
YUV	191.4780, 18.0053, -81.9802
Hunter-Lab	81.1858, -36.7654, -4.2205

# Details

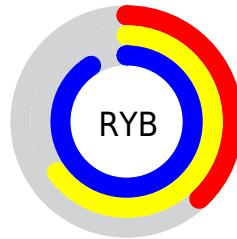
The YUV color **191.4780, 18.0053, -81.9802** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **138.5220, -18.0053, 81.9802**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **123.6320, 24.3384, -106.6713** is the 20% darker color. If you saturate the color by 10%, you get **184.4870, 20.9589, -96.0201**, and if you desaturate by 10%, it is **198.4690, 15.0518, -67.9403**.

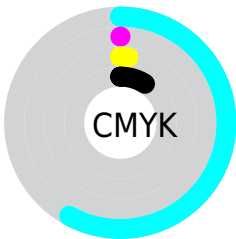
# Distribution



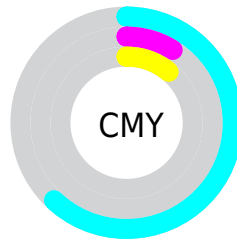
- Red (38%)
- Green (91%)
- Blue (89%)



- Red (38%)
- Yellow (65%)
- Blue (91%)



- Cyan (58%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (62%)
- Magenta (9%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.4780, 18.0053, -81.9802 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 191.4780, 18.0053, -81.9802 by changing the saturation by 10% instead.



191.4780, 18.0053,  
-81.9802

191.4780, 18.0053,  
-81.9802

255.0000, 0.0000,  
0.0000

161.3850, 19.0372,  
-86.2836

226.5950, 14.0037,  
-58.4038

123.6320, 24.3384,  
-106.6713

235.8640, 9.4340,  
-39.3457

104.1070, 20.6532,  
-91.3018

244.8340, 5.0118,  
-20.9024

85.2940, 17.1101,  
-74.8028

254.1030, 0.4422,  
-1.8443

67.8830, 13.8617,  
-59.5334

50.4720, 10.6133,  
-44.2639

34.4630, 7.6597,

-30.2241

■ 19.1550, 4.8536,  
-16.7989

■ 0.1140, 0.4368,  
-0.1000

■ 191.4780, 18.0053,  
-81.9802

■ 191.4780, 18.0053,  
-81.9802

■ 184.4870, 20.9589,  
-96.0201

■ 198.4690, 15.0518,  
-67.9403

■ 177.6100, 24.3493,  
-110.1600

■ 205.3460, 11.6614,  
-53.8004

■ 170.3200, 27.4502,  
-124.8146

■ 212.6360, 8.5605,  
-39.1458

■ 163.3290, 30.4038,  
-138.8545

■ 219.6270, 5.6069,  
-25.1059

■ 161.8340, 31.1408,  
-141.9284

■ 226.5040, 2.2165,  
-10.9660

■ 233.4950, -0.7370,  
3.0739

■ 238.9910, -2.9536,  
14.0399

■ 239.1050, -2.5168,  
13.9399

# Harmonies

## Analogous

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



198.3340, -3.6157, -53.7899



191.4780, 18.0053, -81.9802



191.0010, 31.5515, -86.8239

# Triad

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



191.4780, 18.0053, -81.9802



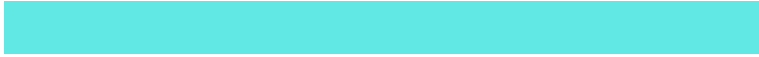
215.8710, 19.2906, 19.4071



211.7080, -33.8730, 37.9671

# Complementary

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



191.4780, 18.0053, -81.9802



138.5220, -18.0053, 81.9802

# 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.



207.0580, -21.2276, 42.0451



191.4780, 18.0053, -81.9802



212.5760, 10.0690, 37.2058

# Square

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



191.4780, 18.0053, -81.9802



208.8510, 22.7515, -17.4093



207.2980, -5.0769, 41.8347



208.0590, -33.0601, 10.4723



# Rectangle

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



191.4780, 18.0053, -81.9802



195.2420, 29.4607, -69.4952



207.2980, -5.0769, 41.8347



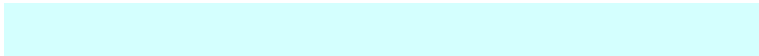
209.9300, -30.5315, 39.5264

# Sweetspot

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



191.4780, 18.0053, -81.9802



242.0290, 5.9017, -26.3354



177.8540, -39.3680, -66.5240



120.1120, 3.3958, -15.8842



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.



191.4780, 18.0053, -81.9802



201.8060, 23.7596, -107.7009



154.9530, 37.9842, -49.9478



111.2980, 1.3321, -7.2773



124.7950, 23.7651, -109.4452



35.5230, 6.6442, -31.1537



# Inverse Universe

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



138.5220, -18.0053, 81.9802



132.1940, -23.7596, 107.7009



175.0470, -37.9842, 49.9478



106.7020, -1.3321, 7.2773



54.0910, -24.2019, 109.5452

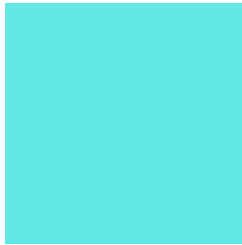


15.4770, -6.6442, 31.1537



# Previews

## White Background



This preview shows how the YUV color 191.4780, 18.0053, -81.9802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

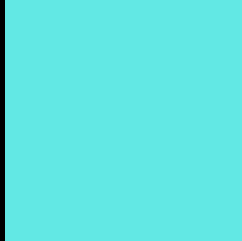
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.4780, 18.0053, -81.9802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

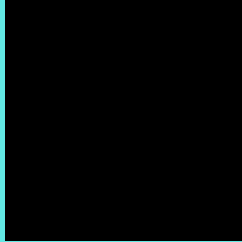
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

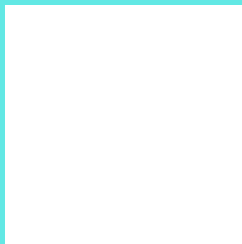
Any Text WCAG AAA ✓ Pass

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

# YUV 191.4780, 18.0053, -81.9802 Background



This preview shows how black text looks on a background with the YUV color 191.4780, 18.0053, -81.9802.



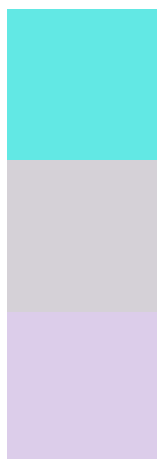
This preview shows how white text looks on a background with the YUV color 191.4780, 18.0053,



# 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

191.4780, 18.0053, -81.9802

### Protanopia

210.8800, 2.0312, 1.8592

### Deuteranopia

212.7910, 10.4560, 6.3223



## Tritanopia

194.3890, 26.4302, -77.5172

# Trichromacy



## Original Color

191.4780, 18.0053, -81.9802



## Protanomaly

203.5880, 8.0911, -28.5797



## Deuteranomaly

205.2770, 13.1744, -25.6759



## Tritanomaly

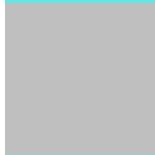
193.2810, 23.5255, -79.1764

# Monochromacy



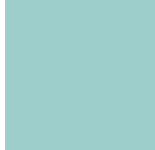
## Original Color

191.4780, 18.0053, -81.9802



## Achromatopsia

191.0000, 0.0000, 0.0000



## Achromatomaly

191.1210, 6.3493, -29.9241

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.4780, 18.0053, -81.9802 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(98, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(98, 232, 228)  
}
```

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(98, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 232, 228) }
```

## Border

The CSS property to change the border of an element to YUV 191.4780, 18.0053, -81.9802 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(98, 232, 228) }
```



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

```
.border{ border-color:rgb(98, 232, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(98, 232,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 191.4780, 18.0053, -81.9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 232, 228) }
```

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

```
.background{ background-color: rgb(98, 232,  
228) }
```

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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