

Converting Colors

YUV(178.9720, -21.6782,
-93.8144)

Have a look what the booklet for
YUV(178.9720, -21.6782, -93.8144)
contains.

YUV(178.9720, -21.6782, -93.8144)	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(178.9720, -21.6782,
-93.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	48F287
RGB	72, 242, 135
RGB Percent	28%, 95%, 53%
CMY	0.7176, 0.0510, 0.4706
CMYK	0.70, 0.00, 0.44, 0.05
HSL	142°, 87%, 62%
HSV	142°, 70%, 95%
XYZ	38.7978, 66.6312, 33.7379
YIQ	178.9720, -66.9730, -69.3170

Conversions

Conversions Part 2

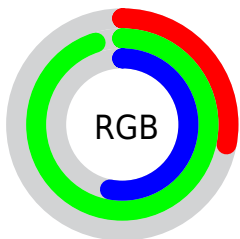
Format	Color
RYB	72, 196, 242
Decimal	4780679
CIELab	85.32, -65.81, 39.35
CIELCh	85, 76.677, 149.125
Yxy	66.6312, 0.2788, 0.4788
Android (android.graphics.Color)	4282970759 (0xFF48F287)
YUV	178.9720, -21.6782, -93.8144
Hunter-Lab	81.6280, -58.0078, 32.6342

Details

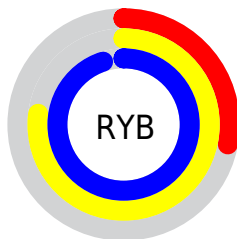
The YUV color **178.9720, -21.6782, -93.8144** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **135.0280, 21.6782, 93.8144**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0910, -11.8769, -64.1008**, and **117.4700, -16.9937, -103.0212** is the 20% darker color. If you saturate the color by 10%, you get **170.0860, -24.6924, -107.0694**, and if you desaturate by 10%, it is **187.8580, -18.6640, -80.5595**.

Distribution



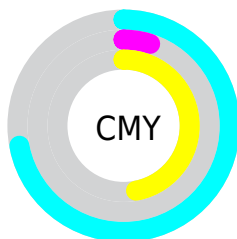
- Red (28%)
- Green (95%)
- Blue (53%)



- Red (28%)
- Yellow (77%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (5%)



- Cyan (72%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9720, -21.6782, -93.8144 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 178.9720, -21.6782, -93.8144 by changing the saturation by 10% instead.

■ 178.9720,
-21.6782, -93.8144

■ 178.9720,
-21.6782, -93.8144

■ 255.0000, 0.0000,
0.0000

■ 142.8390,
-16.6826, -109.4838

■ 213.0910,
-11.8769, -64.1008

■ 117.4700,
-16.9937, -103.0212

■ 225.6660, -3.7793,
-47.9421

■ 98.7710, -20.1001,
-86.6222

■ 238.5400, 4.1708,
-31.1686

■ 79.4850, -22.9171,
-69.7083

■ 248.7210, 3.0955,
-12.9103

■ 60.8030, -28.4969,
-53.3242

■ 45.1990, -22.2831,
-39.6395

■ 31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 178.9720,
-21.6782, -93.8144

■ 178.9720,
-21.6782, -93.8144

■ 170.0860,
-24.6924, -107.0694

■ 187.8580,
-18.6640, -80.5595

■ 161.2000,
-27.7066, -120.3244


■ 196.7440,
-15.6498, -67.3045


■ 152.3140,
-30.7208, -133.5794


■ 206.0430,
-12.3462, -53.5347

■ 214.9290, -9.3320,
-40.2797

 223.8150, -6.3178,
-27.0248

 232.7010, -3.3036,
-13.7698

 241.7010, 0.1474,
-0.6148

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



197.6790, -60.4807, -14.6275



178.9720, -21.6782, -93.8144



169.4020, 19.5218, -148.5656

Triad

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



178.9720, -21.6782, -93.8144



159.3840, 47.1387, -139.7798



183.4010, -17.9457, 62.7923

Complementary

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



178.9720, -21.6782, -93.8144



135.0280, 21.6782, 93.8144

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.



186.2120, 15.6715, 60.3271



178.9720, -21.6782, -93.8144



206.3250, 23.9968, 3.2230

Square

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



178.9720, -21.6782, -93.8144



169.3630, 42.2190, -148.5314



201.5830, 26.3346, 46.8467



192.4100, -51.9671, 54.8914

Rectangle

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



178.9720, -21.6782, -93.8144



174.6460, 39.6145, -153.1645



201.5830, 26.3346, 46.8467



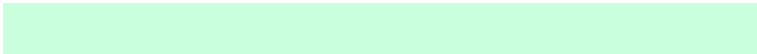
182.5010, -6.1630, 63.5816

Sweetspot

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



178.9720, -21.6782, -93.8144



234.9780, -6.8912, -29.7987



204.0820, -65.1164, -21.1199



116.0380, -4.4557, -17.5733



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.



178.9720, -21.6782, -93.8144



175.6240, -27.4226, -118.0652



188.5480, 15.0128, -102.2126



115.5000, -1.7255, -6.5775



115.7600, -23.5457, -101.5215



35.2660, -7.0331, -30.9283

Inverse Universe

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



135.0280, 21.6782, 93.8144



120.3760, 27.4226, 118.0652



125.4520, -15.0128, 102.2126



112.3860, 1.2887, 6.6775



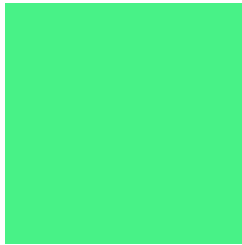
68.2400, 23.5457, 101.5215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 178.9720, -21.6782, -93.8144 looks on a white background.

Color Contrast Check

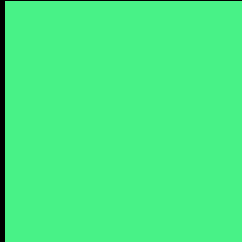
Large Text (above 18pt) WCAG AA × Fail

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 178.9720, -21.6782, -93.8144 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 178.9720, -21.6782, -93.8144 Background



This preview shows how black text looks on a background with the YUV color 178.9720, -21.6782, -93.8144.



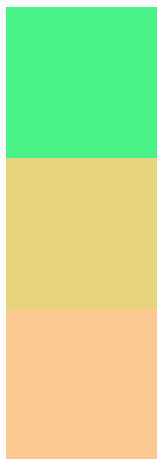
This preview shows how white text looks on a background with the YUV color 178.9720, -21.6782, -93.8144.

-93.8144.

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

178.9720, -21.6782, -93.8144

Protanopia

206.9480, -41.3864, 21.0936

Deuteranopia

210.4520, -32.2678, 36.4376



Tritanopia

196.1830, 25.5458, -73.8285

Trichromacy



Original Color

178.9720, -21.6782, -93.8144



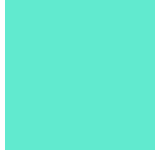
Protanomaly

196.5190, -34.2729, -20.6262



Deuteranomaly

199.3660, -28.7744, -10.8450



Tritanomaly

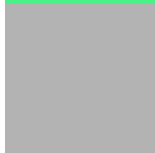
189.9590, 8.4012, -81.5250

Monochromacy



Original Color

178.9720, -21.6782, -93.8144



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0160, -7.8959, -34.2170

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9720, -21.6782, -93.8144 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(72, 242, 135)` looks like.

```
.text, #text, p{  
    color:rgb(72, 242, 135)  
}
```

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(72, 242, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 242, 135) }
```

Border

The CSS property to change the border of an element to YUV 178.9720, -21.6782, -93.8144 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(72, 242, 135) }
```


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

```
.border{ border-color:rgb(72, 242, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 242, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 242, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 242, 135);  
box-shadow:4px 4px 4px 4px rgb(72, 242,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 178.9720, -21.6782, -93.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 242, 135) }
```

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

```
.background{ background-color: rgb(72, 242,  
135) }
```

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