

Converting Colors

YUV(178.2460, -23.7853,
-71.2527)

Have a look what the booklet for
YUV(178.2460, -23.7853, -71.2527)
contains.

YUV(178.2460, -23.7853, -71.2527)	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(178.2460, -23.7853,
-71.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	61E582
RGB	97, 229, 130
RGB Percent	38%, 90%, 51%
CMY	0.6196, 0.1020, 0.4902
CMYK	0.58, 0.00, 0.43, 0.10
HSL	135°, 72%, 64%
HSV	135°, 58%, 90%
XYZ	36.9783, 60.1917, 30.7883
YIQ	178.2460, -46.8930, -58.7730

Conversions

Conversions Part 2

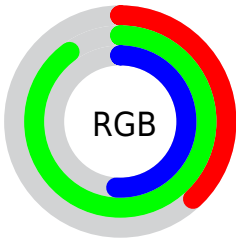
Format	Color
RYB	97, 203, 229
Decimal	6415746
CIELab	81.94, -57.15, 37.59
CIELCh	82, 68.410, 146.664
Yxy	60.1917, 0.2890, 0.4704
Android (android.graphics.Color)	4284605826 (0xFF61E582)
YUV	178.2460, -23.7853, -71.2527
Hunter-Lab	77.5833, -50.6928, 30.7796

Details

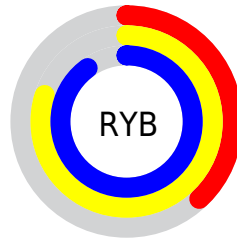
The YUV color **178.2460, -23.7853, -71.2527** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **147.7540, 23.7853, 71.2527**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6040, -16.5668, -53.1497**, and **115.3520, -17.9215, -85.3777** is the 20% darker color. If you saturate the color by 10%, you get **169.4310, -27.8205, -83.6930**, and if you desaturate by 10%, it is **187.0610, -19.7501, -58.8125**.

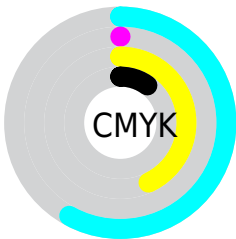
Distribution



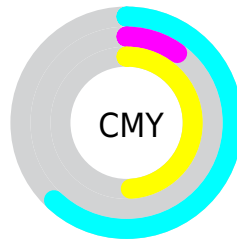
- Red (38%)
- Green (90%)
- Blue (51%)



- Red (38%)
- Yellow (80%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)



- Cyan (62%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2460, -23.7853, -71.2527 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 178.2460, -23.7853, -71.2527 by changing the saturation by 10% instead.

■ 178.2460,
-23.7853, -71.2527

■ 178.2460,
-23.7853, -71.2527

■ 255.0000, 0.0000,
0.0000

■ 148.3920,
-21.8853, -74.0118

■ 217.6040,
-16.5668, -53.1497

■ 115.3520,
-17.9215, -85.3777

■ 229.7660, -8.7586,
-37.5058

■ 91.2710, -18.3746,
-80.0447

■ 242.0420, -0.5137,
-21.9618

■ 72.5720, -21.4810,
-63.6456

■ 252.6080, 1.1793,
-4.9182

■ 54.7050, -26.4766,
-47.9763

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 178.2460,
-23.7853, -71.2527

■ 178.2460,
-23.7853, -71.2527

■ 169.4310,
-27.8205, -83.6930

■ 187.0610,
-19.7501, -58.8125

■ 160.6160,
-31.8557, -96.1332


■ 195.8760,
-15.7149, -46.3723

■ 151.6870,
-36.3277, -108.4735


■ 204.8050,
-11.2429, -34.0320


■ 142.8720,
-40.3629, -120.9137

■ 213.6200, -7.2077,
-21.5917

 140.9210,
-41.3731, -123.5877

 222.4350, -3.1725,
-9.1515

 230.9510, 1.0102,
2.6740

 239.1680, 5.3402,
13.8847

 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



191.0310, -54.2453, -7.9202



178.2460, -23.7853, -71.2527



160.0610, 16.7319, -140.3735

Triad

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



178.2460, -23.7853, -71.2527



154.1010, 49.7432, -135.1466



182.5690, -16.0565, 63.5220

Complementary

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



178.2460, -23.7853, -71.2527



147.7540, 23.7853, 71.2527

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.



186.3430, 13.6349, 60.2122



178.2460, -23.7853, -71.2527



198.6060, 27.8022, -4.0395

Square

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



178.2460, -23.7853, -71.2527



162.9060, 45.4023, -142.8686



200.9960, 26.6240, 47.3615



189.4410, -45.5734, 57.4952

Rectangle

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



178.2460, -23.7853, -71.2527



165.1910, 36.3878, -144.8725



200.9960, 26.6240, 47.3615



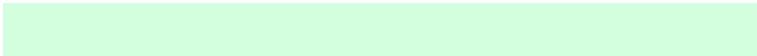
182.0280, -5.4368, 63.9964

Sweetspot

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



178.2460, -23.7853, -71.2527



238.3810, -8.0758, -23.1361



204.0850, -52.7929, -7.0905



117.9460, -4.9034, -13.9846



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.



178.2460, -23.7853, -71.2527



187.3280, -31.7137, -95.0037



185.7700, 5.0434, -77.8513



110.3860, -2.1623, -6.4775



110.2030, -32.1451, -96.6480



31.4190, -9.0806, -27.5545

Inverse Universe

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



147.7540, 23.7853, 71.2527



146.6720, 31.7137, 95.0037



140.2300, -5.0434, 77.8513



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 178.2460, -23.7853, -71.2527 looks on a white background.

Color Contrast Check

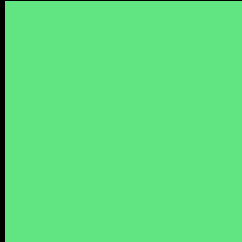
Large Text (above 18pt) WCAG AA × Fail

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 178.2460, -23.7853, -71.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

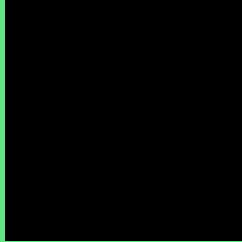
Any Text WCAG AA ✓ Pass

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 178.2460, -23.7853, -71.2527 Background



This preview shows how black text looks on a background with the YUV color 178.2460, -23.7853, -71.2527.



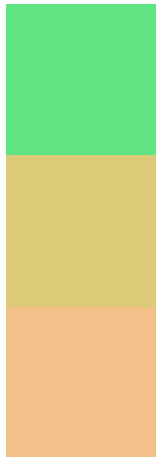
This preview shows how white text looks on a background with the YUV color 178.2460, -23.7853, -71.2527.

-71.2527.

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

178.2460, -23.7853, -71.2527

Protanopia

198.3330, -38.6182, 19.8790

Deuteranopia

201.3810, -31.2468, 35.6229



Tritanopia

191.4300, 20.9870, -58.2591

Trichromacy



Original Color

178.2460, -23.7853, -71.2527



Protanomaly

191.2040, -33.1316, -13.3339



Deuteranomaly

192.8230, -28.5067, -3.3528



Tritanomaly

186.4560, 4.7052, -62.6669

Monochromacy



Original Color

178.2460, -23.7853, -71.2527



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.5440, -8.6492, -25.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2460, -23.7853, -71.2527 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(97, 229, 130)` looks like.

```
.text, #text, p{  
    color:rgb(97, 229, 130)  
}
```

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(97, 229, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 229, 130) }
```

Border

The CSS property to change the border of an element to YUV 178.2460, -23.7853, -71.2527 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(97, 229, 130) }
```


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

```
.border{ border-color:rgb(97, 229, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 229, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 229, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 229, 130); box-shadow:4px 4px 4px 4px rgb(97, 229, 130) }
```

Background

The CSS property to change the background color of an element to YUV 178.2460, -23.7853, -71.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 229, 130) }
```

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

```
.background{ background-color: rgb(97, 229,  
130) }
```

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