

Converting Colors

YUV(178.6110, -70.8002,
-18.0758)

Have a look what the booklet for
YUV(178.6110, -70.8002, -18.0758)
contains.

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Color

**YUV(178.6110, -70.8002,
-18.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED923
RGB	158, 217, 35
RGB Percent	62%, 85%, 14%
CMY	0.3804, 0.1490, 0.8627
CMYK	0.27, 0.00, 0.84, 0.15
HSL	79°, 72%, 49%
HSV	79°, 84%, 85%
XYZ	39.2168, 57.0162, 10.5284
YIQ	178.6110, 23.2580, -69.1100

Conversions

Conversions Part 2

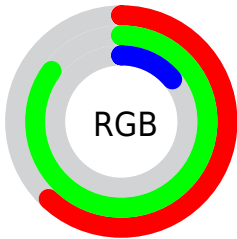
Format	Color
RYB	35, 217, 94
Decimal	10410275
CIELab	80.19, -42.37, 74.05
CIElCh	80, 85.312, 119.781
Yxy	57.0162, 0.3673, 0.5341
Android (android.graphics.Color)	4288600355 (0xFF9ED923)
YUV	178.6110, -70.8002, -18.0758
Hunter-Lab	75.5090, -39.4341, 44.5894

Details

The YUV color **178.6110, -70.8002, -18.0758** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **73.3890, 70.8002, 18.0758**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8540, -62.5390, -7.7650**, and **124.9940, -61.6220, -21.9197** is the 20% darker color. If you saturate the color by 10%, you get **174.0100, -79.3779, -20.1798**, and if you desaturate by 10%, it is **183.2120, -62.2225, -15.9719**.

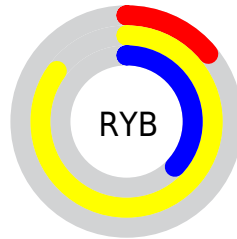
Distribution



Red (62%)

Green (85%)

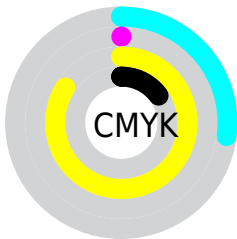
Blue (14%)



Red (14%)

Yellow (85%)

Blue (37%)

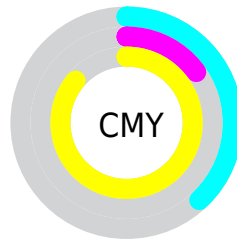


Cyan (27%)

Magenta (0%)

Yellow (84%)

Black (15%)



Cyan (38%)

Magenta (15%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6110, -70.8002, -18.0758 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 178.6110, -70.8002, -18.0758 by changing the saturation by 10% instead.

■ 178.6110,
-70.8002, -18.0758

■ 178.6110,
-70.8002, -18.0758

■ 255.0000, 0.0000,
0.0000

■ 149.5140,
-73.7104, -17.9908

■ 225.8540,
-62.5390, -7.7650

■ 124.9940,
-61.6220, -21.9197

■ 238.1300,
-54.2941, 7.7790

■ 100.4740,
-49.5337, -25.8487

■ 243.8280,
-42.8062, 9.7978

■ 76.2420, -37.5873,
-30.9072

■ 247.1340,
-30.1391, 6.8985

■ 49.8950, -24.5982,
-43.7579

■ 250.4400,
-17.4719, 3.9991

■ 35.8070, -17.6529,
-31.4027

■ 253.8600, -4.3680,

■ 23.4800, -11.5756,

0.9998

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 178.6110,
-70.8002, -18.0758

■ 178.6110,
-70.8002, -18.0758

■ 174.0100,
-79.3779, -20.1798

■ 183.2120,
-62.2225, -15.9719

■ 171.3320,
-84.4667, -21.3392

■ 187.6990,
-54.0816, -13.7680

■ 192.3000,
-45.5039, -11.6641

■ 196.9010,
-36.9262, -9.5602

■ 201.5020,
-28.3485, -7.4563

■ 205.9890,
-20.2076, -5.2524

■ 210.5900,
-11.6299, -3.1484

■ 215.1910, -3.0522,
-1.0445

■ 219.6780, 5.0887,
1.1594

Harmonies

Analogous

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



185.3280, -91.3667, 45.3163



178.6110, -70.8002, -18.0758



148.0060, -16.7650, -129.8013

Triad

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



178.6110, -70.8002, -18.0758



162.3190, 45.6917, -142.3538



167.4790, 17.5119, 76.7559

Complementary

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



178.6110, -70.8002, -18.0758



73.3890, 70.8002, 18.0758

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.



187.4950, 33.2800, 59.2019



178.6110, -70.8002, -18.0758



151.7530, 50.9008, -133.0874

Square

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



178.6110, -70.8002, -18.0758



167.0150, 43.3766, -146.4722



191.5620, 31.2749, 2.1381



166.2180, -20.3205, 77.8618

Rectangle

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



178.6110, -70.8002, -18.0758



156.5100, 5.6646, -137.2593



191.5620, 31.2749, 2.1381



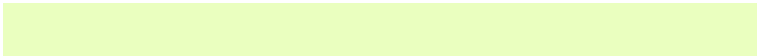
173.4920, 27.8584, 71.4825

Sweetspot

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



178.6110, -70.8002, -18.0758



241.4250, -24.8595, -6.5117



123.4640, -43.6128, 82.0311



119.6670, -15.1188, -4.0930



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.



178.6110, -70.8002, -18.0758



201.1130, -99.1487, -25.5321



151.7010, -57.5336, -73.4058



107.5500, -4.2151, -1.3593



136.5340, -67.3113, -17.1313



36.2710, -17.8816, -4.6227

Inverse Universe

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



73.3890, 70.8002, 18.0758



53.8870, 99.1487, 25.5321



100.2990, 57.5336, 73.4058



101.1510, 4.3626, 0.7446



36.4660, 67.3113, 17.1313



9.7290, 17.8816, 4.6227

Previews

White Background



This preview shows how the YUV color 178.6110, -70.8002, -18.0758 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 178.6110, -70.8002, -18.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

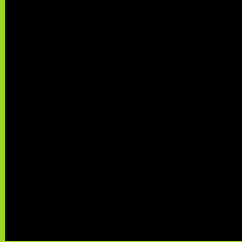
Any Text WCAG AA ✓ Pass

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 178.6110, -70.8002, -18.0758 Background



This preview shows how black text looks on a background with the YUV color 178.6110, -70.8002, -18.0758.



This preview shows how white text looks on a background with the YUV color 178.6110, -70.8002, -18.0758.

-18.0758.

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

178.6110, -70.8002, -18.0758

Protanopia

186.9100, -77.3566, 31.6509

Deuteranopia

190.7350, -68.3964, 51.0984



Tritanopia

196.6480, 10.5265, -16.3543

Trichromacy



Original Color

178.6110, -70.8002, -18.0758

Protanomaly

184.0710, -74.9710, 13.0927

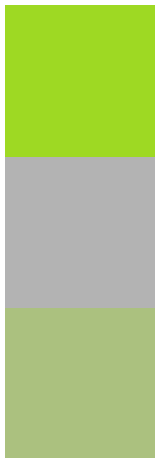
Deuteranomaly

186.6410, -69.3360, 25.7478

Tritanomaly

189.8520, -19.1540, -16.5332

Monochromacy



Original Color

178.6110, -70.8002, -18.0758

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8980, -25.5857, -6.9265

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6110, -70.8002, -18.0758 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(158, 217, 35)` looks like.

```
.text, #text, p{  
    color:rgb(158, 217, 35)  
}
```

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(158, 217, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 217, 35) }
```

Border

The CSS property to change the border of an element to YUV 178.6110, -70.8002, -18.0758 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(158, 217, 35) }
```


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

```
.border{ border-color:rgb(158, 217, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 217, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 217, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 217, 35);  
box-shadow:4px 4px 4px 4px rgb(158, 217,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 178.6110, -70.8002, -18.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 217, 35) }
```

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

```
.background{ background-color: rgb(158,  
217, 35) }
```

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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