

# Converting Colors

YUV(120.1180, -53.3022,  
-77.2795)

Have a look what the booklet for  
YUV(120.1180, -53.3022, -77.2795)  
contains.

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# Color

**YUV(120.1180, -53.3022,  
-77.2795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20BA0C
RGB	32, 186, 12
RGB Percent	13%, 73%, 5%
CMY	0.8745, 0.2706, 0.9529
CMYK	0.83, 0.00, 0.94, 0.27
HSL	113°, 88%, 39%
HSV	113°, 94%, 73%
XYZ	18.2209, 35.4514, 6.2303
YIQ	120.1180, -35.9300, -86.7620

# Conversions

## Conversions Part 2

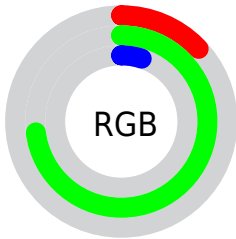
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 186, 166
Decimal	2144780
CIELab	66.10, -65.57, 64.48
CIELCh	66, 91.964, 135.481
Yxy	35.4514, 0.3042, 0.5918
Android (android.graphics.Color)	4280334860 (0xFF20BA0C)
YUV	120.1180, -53.3022, -77.2795
Hunter-Lab	59.5411, -49.5719, 35.4748

# Details

The YUV color **120.1180, -53.3022, -77.2795** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **77.8820, 53.3022, 77.2795**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4660, -51.0087, -66.1837**, and **76.8970, -37.9102, -67.4387** is the 20% darker color. If you saturate the color by 10%, you get **115.4610, -56.9223, -82.8423**, and if you desaturate by 10%, it is **127.0680, -47.3615, -69.3426**.

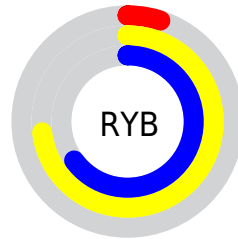
# Distribution



Red (13%)

Green (73%)

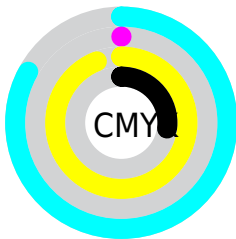
Blue (5%)



Red (5%)

Yellow (73%)

Blue (65%)

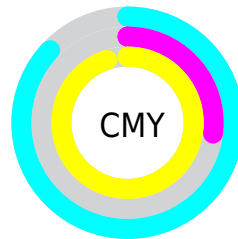


Cyan (83%)

Magenta (0%)

Yellow (94%)

Black (27%)



Cyan (87%)

Magenta (27%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.1180, -53.3022, -77.2795 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 120.1180, -53.3022, -77.2795 by changing the saturation by 10% instead.



■ 120.1180,  
-53.3022, -77.2795

■ 120.1180,  
-53.3022, -77.2795

■ 255.0000, 0.0000,  
0.0000

■ 92.7460, -45.7238,  
-81.3382

■ 184.4660,  
-51.0087, -66.1837

■ 76.8970, -37.9102,  
-67.4387

■ 203.9710,  
-46.8207, -56.1026

■ 61.6350, -30.3861,  
-54.0539

■ 216.4320,  
-39.1600, -39.8439

■ 46.3730, -22.8619,  
-40.6691

■ 228.7080,  
-30.9150, -24.2999

■ 32.2850, -15.9165,  
-28.3139

■ 241.1690,  
-23.2543, -8.0412

■ 17.6100, -8.6817,  
-15.4440

■ 251.3520,

■ 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.7720, -0.8736,  
0.2000

■ 120.1180,  
-53.3022, -77.2795

■ 120.1180,  
-53.3022, -77.2795

■ 115.4610,  
-56.9223, -82.8423

■ 127.0680,  
-47.3615, -69.3426

■ 134.2030,  
-42.0051, -60.6910

■ 141.1530,  
-36.0644, -52.7542

■ 148.2880,  
-30.7080, -44.1026

■ 155.2380,  
-24.7673, -36.1657

■ 162.4870,  
-18.9741, -27.6141

■ 169.3230,  
-13.4702, -19.5773

■ 176.5720, -7.6770,  
-11.0256

■ 183.4080, -2.1731,  
-2.9888

# Harmonies

## Analogous

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



145.8360, -71.8971, 7.1598



120.1180, -53.3022, -77.2795



127.1020, -5.4733, -111.4685

# Triad

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



120.1180, -53.3022, -77.2795



135.9040, 58.7143, -119.1878



121.2640, 0.3628, 117.2865

# Complementary

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



120.1180, -53.3022, -77.2795



77.8820, 53.3022, 77.2795

# 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.



136.4820, 33.2864, 103.9403



120.1180, -53.3022, -77.2795



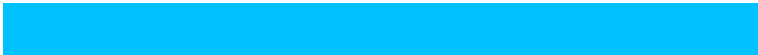
120.6420, 66.2385, -105.8030

# Square

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



120.1180, -53.3022, -77.2795



142.9480, 55.2416, -125.3654



160.8600, 46.4110, 47.4808



139.6190, -48.6192, 101.1891



# Rectangle

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



120.1180, -53.3022, -77.2795



134.8880, 19.2822, -118.2968



160.8600, 46.4110, 47.4808



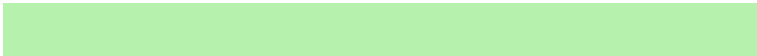
120.2330, 14.1821, 118.1907

# Sweetspot

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



120.1180, -53.3022, -77.2795



216.3080, -20.8578, -30.0881



154.4240, -70.2150, 27.6922



106.5620, -12.6021, -18.0329



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



120.1180, -53.3022, -77.2795



150.4260, -74.1600, -107.3676



121.7760, -21.0886, -96.2736



88.5820, -2.7519, -4.0184



96.9540, -47.7983, -69.2427



17.3330, -8.5452, -12.5700



# Inverse Universe

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



77.8820, 53.3022, 77.2795



91.5740, 74.1600, 107.3676



76.2240, 21.0886, 96.2736



86.4180, 2.7519, 4.0184



59.0460, 47.7983, 69.2427

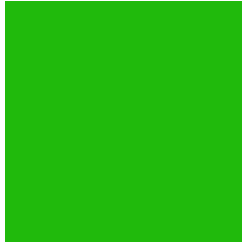


10.6670, 8.5452, 12.5700



# Previews

## White Background



This preview shows how the YUV color 120.1180, -53.3022, -77.2795 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 120.1180, -53.3022, -77.2795 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 120.1180, -53.3022, -77.2795 Background



This preview shows how black text looks on a background with the YUV color 120.1180, -53.3022, -77.2795.



This preview shows how white text looks on a background with the YUV color 120.1180, -53.3022, -77.2795.

-77.2795.

# 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

120.1180, -53.3022, -77.2795

### Protanopia

147.7400, -72.8358, 28.2920

### Deuteranopia

153.1110, -55.2707, 41.1217



## Tritanopia

147.6860, 19.3818, -56.7296

# Trichromacy



## Original Color

120.1180, -53.3022, -77.2795



## Protanomaly

137.3330, -65.7332, -9.9390



## Deuteranomaly

141.2490, -54.8458, -1.9724



## Tritanomaly

137.6440, -7.2195, -64.5858

# Monochromacy



## Original Color

120.1180, -53.3022, -77.2795



## Achromatopsia

120.0000, 0.0000, 0.0000



## Achromatomaly

120.0740, -19.2635, -28.1289

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.1180, -53.3022, -77.2795 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(32, 186, 12)` looks like.

```
.text, #text, p{  
    color:rgb(32, 186, 12)  
}
```

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(32, 186, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 186, 12) }
```

## Border

The CSS property to change the border of an element to YUV 120.1180, -53.3022, -77.2795 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(32, 186, 12) }
```



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

```
.border{ border-color:rgb(32, 186, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 186, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 186, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 186, 12);  
box-shadow:4px 4px 4px 4px rgb(32, 186,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 120.1180, -53.3022, -77.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 186, 12) }
```

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

```
.background{ background-color: rgb(32, 186,  
12) }
```

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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