

Converting Colors

YUV(121.4290, -17.9595,
-73.1672)

Have a look what the booklet for
YUV(121.4290, -17.9595, -73.1672)
contains.

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Color

**YUV(121.4290, -17.9595,
-73.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	26AB55
RGB	38, 171, 85
RGB Percent	15%, 67%, 33%
CMY	0.8510, 0.3294, 0.6667
CMYK	0.78, 0.00, 0.50, 0.33
HSL	141°, 64%, 41%
HSV	141°, 78%, 67%
XYZ	17.0019, 30.1938, 13.5262
YIQ	121.4290, -51.6620, -54.9420

Conversions

Conversions Part 2

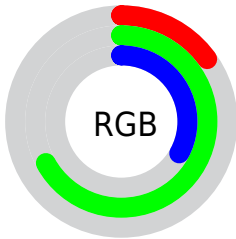
Format	Color
RYB	38, 136, 171
Decimal	2534229
CIELab	61.82, -53.71, 34.38
CIELCh	62, 63.773, 147.377
Yxy	30.1938, 0.2800, 0.4972
Android (android.graphics.Color)	4280724309 (0xFF26AB55)
YUV	121.4290, -17.9595, -73.1672
Hunter-Lab	54.9489, -40.9301, 23.8694

Details

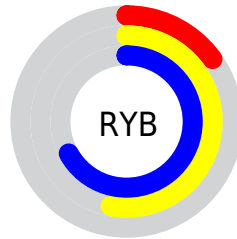
The YUV color **121.4290, -17.9595, -73.1672** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **87.5710, 17.9595, 73.1672**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1480, -21.7650, -65.9048**, and **72.7830, -18.1340, -63.8307** is the 20% darker color. If you saturate the color by 10%, you get **115.0920, -20.2584, -82.5187**, and if you desaturate by 10%, it is **127.7660, -15.6606, -63.8158**.

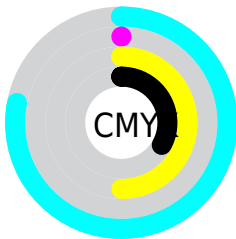
Distribution



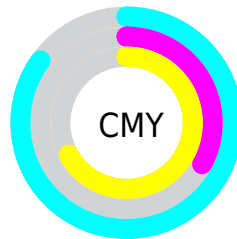
- Red (15%)
- Green (67%)
- Blue (33%)



- Red (15%)
- Yellow (53%)
- Blue (67%)



- Cyan (78%)
- Magenta (0%)
- Yellow (50%)
- Black (33%)



- Cyan (85%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4290, -17.9595, -73.1672 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 121.4290, -17.9595, -73.1672 by changing the saturation by 10% instead.

■ 121.4290,
-17.9595, -73.1672

■ 121.4290,
-17.9595, -73.1672

■ 255.0000, 0.0000,
0.0000

■ 91.3680, -15.4644,
-80.1297

■ 180.1480,
-21.7650, -65.9048

■ 72.7830, -18.1340,
-63.8307

■ 208.6320,
-22.4966, -64.5753

■ 55.1440, -22.2560,
-48.3613

■ 220.3810,
-14.9778, -49.4461

■ 39.3290, -19.3892,
-34.4915

■ 232.3580, -6.5855,
-34.5170

■ 26.4150, -13.0226,
-23.1660

■ 244.5200, 1.2226,
-18.8730

■ 7.0440, -3.4727,
-6.1776

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 121.4290,
-17.9595, -73.1672

■ 121.4290,
-17.9595, -73.1672

■ 115.0920,
-20.2584, -82.5187

■ 127.7660,
-15.6606, -63.8158

■ 108.7550,
-22.5572, -91.8701

■ 134.1030,
-13.3618, -54.4643

■ 107.2170,
-23.2780, -94.0293

■ 140.4400,
-11.0629, -45.1129

■ 146.7770, -8.7641,
-35.7614

■ 153.1140, -6.4652,
-26.4100

■ 159.7500, -4.3137,
-16.4438

■ 166.0870, -2.0149,
-7.0923

■ 172.4240, 0.2840,
2.2592

■ 178.8750, 3.0196,
11.5106

Harmonies

Analogous

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



136.5840, -49.5879, -8.4052



121.4290, -17.9595, -73.1672



118.9130, 11.3819, -104.2867

Triad

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



121.4290, -17.9595, -73.1672



121.2290, 65.9491, -106.3178



144.9530, -21.6688, 90.3722

Complementary

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



121.4290, -17.9595, -73.1672



87.5710, 17.9595, 73.1672

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.



146.9290, 4.9650, 87.7623



121.4290, -17.9595, -73.1672



150.1920, 49.2053, -8.9384

Square

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



121.4290, -17.9595, -73.1672



127.6060, 57.3822, -111.9105



152.8980, 28.6443, 52.7095



145.1050, -45.9008, 69.1909

Rectangle

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



121.4290, -17.9595, -73.1672



123.9460, 28.1276, -108.7006



152.8980, 28.6443, 52.7095



144.9670, -12.8017, 92.9909

Sweetspot

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



121.4290, -17.9595, -73.1672



202.9890, -6.8966, -28.0544



141.7850, -51.1660, -15.5974



100.4510, -4.1663, -17.0585



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



121.4290, -17.9595, -73.1672



145.1300, -28.1651, -113.2470



128.9530, 10.8692, -79.7658



83.6250, -1.2941, -4.9331



94.0920, -20.2584, -82.5187



14.4130, -3.1616, -12.6402

Inverse Universe

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



87.5710, 17.9595, 73.1672



92.7560, 27.7283, 113.3470



80.0470, -10.8692, 79.7658



81.3750, 1.2941, 4.9331



55.9080, 20.2584, 82.5187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 121.4290, -17.9595, -73.1672 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 121.4290, -17.9595, -73.1672 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 121.4290, -17.9595, -73.1672 Background



This preview shows how black text looks on a background with the YUV color 121.4290, -17.9595, -73.1672.



This preview shows how white text looks on a background with the YUV color 121.4290, -17.9595, -73.1672.

-73.1672.

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

121.4290, -17.9595, -73.1672

Protanopia

144.3910, -33.2238, 16.3201

Deuteranopia

147.3630, -27.2940, 27.7456



Tritanopia

136.4690, 18.5028, -54.7853

Trichromacy



Original Color

121.4290, -17.9595, -73.1672

Protanomaly

135.9740, -27.5952, -15.7632

Deuteranomaly

138.2290, -24.2699, -8.9708

Tritanomaly

131.2820, 5.2840, -61.6373

Monochromacy



Original Color

121.4290, -17.9595, -73.1672

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1140, -6.4652, -26.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4290, -17.9595, -73.1672 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(38, 171, 85)` looks like.

```
.text, #text, p{  
    color:rgb(38, 171, 85)  
}
```

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(38, 171, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 171, 85) }
```

Border

The CSS property to change the border of an element to YUV 121.4290, -17.9595, -73.1672 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(38, 171, 85) }
```


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

```
.border{ border-color:rgb(38, 171, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 171, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 171, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 171, 85);  
box-shadow:4px 4px 4px 4px rgb(38, 171,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 121.4290, -17.9595, -73.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 171, 85) }
```

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

```
.background{ background-color: rgb(38, 171,  
85) }
```

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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