

Converting Colors

YUV(177.2400, -51.3903,
-37.0445)

Have a look what the booklet for
YUV(177.2400, -51.3903, -37.0445)
contains.

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Color

**YUV(177.2400, -51.3903,
-37.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	87DB49
RGB	135, 219, 73
RGB Percent	53%, 86%, 29%
CMY	0.4706, 0.1412, 0.7137
CMYK	0.38, 0.00, 0.67, 0.14
HSL	95°, 67%, 57%
HSV	95°, 67%, 86%
XYZ	36.5258, 56.2950, 15.2442
YIQ	177.2400, -3.1980, -63.2140

Conversions

Conversions Part 2

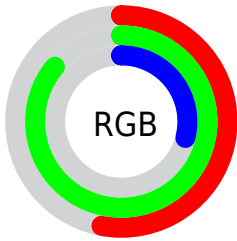
Format	Color
RYB	73, 219, 157
Decimal	8903497
CIELab	79.78, -49.33, 61.29
CIElCh	80, 78.678, 128.832
Yxy	56.2950, 0.3380, 0.5209
Android (android.graphics.Color)	4287093577 (0xFF87DB49)
YUV	177.2400, -51.3903, -37.0445
Hunter-Lab	75.0300, -44.4058, 40.4747

Details

The YUV color **177.2400, -51.3903, -37.0445** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **114.7600, 51.3903, 37.0445**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9840, -46.3341, -25.4190**, and **118.8180, -58.0843, -36.6744** is the 20% darker color. If you saturate the color by 10%, you get **170.8450, -59.0836, -42.8371**, and if you desaturate by 10%, it is **183.6350, -43.6971, -31.2519**.

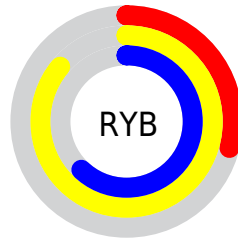
Distribution



Red (53%)

Green (86%)

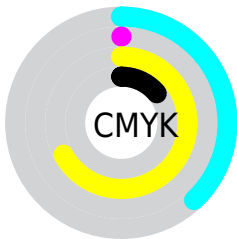
Blue (29%)



Red (29%)

Yellow (86%)

Blue (62%)

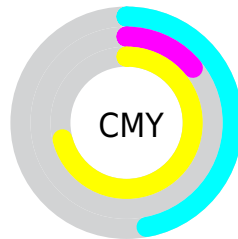


Cyan (38%)

Magenta (0%)

Yellow (67%)

Black (14%)



Cyan (47%)

Magenta (14%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2400, -51.3903, -37.0445 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 177.2400, -51.3903, -37.0445 by changing the saturation by 10% instead.

■ 177.2400,
-51.3903, -37.0445

■ 177.2400,
-51.3903, -37.0445

255.0000, 0.0000,
0.0000

■ 148.8270,
-51.6797, -37.5593

■ 221.9840,
-46.3341, -25.4190

■ 118.8180,
-58.0843, -36.6744

■ 233.8470,
-38.3786, -10.3898

■ 93.8740, -46.2799,
-42.8625

■ 246.0090,
-30.5704, 5.2541

■ 64.5700, -31.8330,
-56.6279

■ 250.2120,
-18.3455, 4.1991

■ 49.8950, -24.5982,
-43.7579

■ 253.5180, -5.6784,
1.2997

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 177.2400,
-51.3903, -37.0445

■ 177.2400,
-51.3903, -37.0445

■ 170.8450,
-59.0836, -42.8371

■ 183.6350,
-43.6971, -31.2519

■ 164.7490,
-66.9243, -48.0149

■ 189.7310,
-35.8564, -26.0741

■ 158.3540,
-74.6175, -53.8075

■ 196.1260,
-28.1631, -20.2815

■ 156.3600,
-77.0855, -55.5667

■ 202.2220,
-20.3224, -15.1037

■ 208.6170,
-12.6292, -9.3111

■ 214.8980, -5.3727,
-3.4185

■ 220.9940, 2.4680,
1.7593

■ 227.3890, 10.1612,
7.5518

■ 231.7750, 11.4499,
14.2293

Harmonies

Analogous

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



184.5950, -79.6663, 25.7882



177.2400, -51.3903, -37.0445



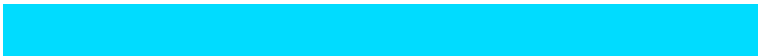
150.6110, -4.2452, -132.0858

Triad

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



177.2400, -51.3903, -37.0445



158.2100, 47.7175, -138.7502



170.0260, 4.4242, 74.5222

Complementary

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



177.2400, -51.3903, -37.0445



114.7600, 51.3903, 37.0445

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.



185.3920, 32.8377, 61.0462



177.2400, -51.3903, -37.0445



165.3180, 44.2132, -87.9789

Square

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



177.2400, -51.3903, -37.0445



164.0800, 44.8236, -143.8982



196.4450, 28.8676, 27.6737



173.1990, -31.6501, 71.7395

Rectangle

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



177.2400, -51.3903, -37.0445



158.0720, 16.7265, -138.6291



196.4450, 28.8676, 27.6737



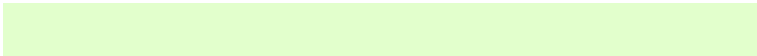
173.4630, 15.0547, 71.5079

Sweetspot

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



177.2400, -51.3903, -37.0445



240.5150, -18.0019, -12.7297



165.3750, -45.5409, 47.0291



119.0840, -10.8874, -7.9667



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.



177.2400, -51.3903, -37.0445



196.7610, -71.8602, -51.5334



159.8420, -37.8831, -76.1604



106.6530, -3.7729, -3.2037



123.6770, -60.9728, -43.5667



32.6830, -16.1127, -12.0000

Inverse Universe

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



114.7600, 51.3903, 37.0445



109.2390, 71.8602, 51.5334



132.1580, 37.8831, 76.1604



102.0480, 3.9203, 2.5889



49.6220, 60.8254, 44.1815



13.0180, 16.2601, 11.3852

Previews

White Background



This preview shows how the YUV color 177.2400, -51.3903, -37.0445 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 177.2400, -51.3903, -37.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

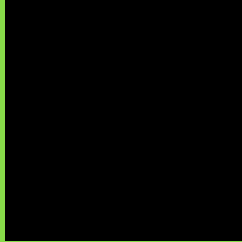
Any Text WCAG AA ✓ Pass

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 177.2400, -51.3903, -37.0445 Background



This preview shows how black text looks on a background with the YUV color 177.2400, -51.3903, -37.0445.



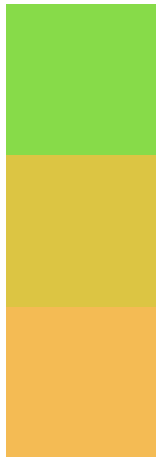
This preview shows how white text looks on a background with the YUV color 177.2400, -51.3903, -37.0445.

-37.0445.

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

177.2400, -51.3903, -37.0445

Protanopia

189.0570, -60.1741, 27.1370

Deuteranopia

192.3010, -53.3924, 45.3400



Tritanopia

192.4720, 14.0643, -31.1089

Trichromacy



Original Color

177.2400, -51.3903, -37.0445



Protanomaly

184.7120, -57.0460, 3.7606



Deuteranomaly

186.9290, -52.7160, 14.9713



Tritanomaly

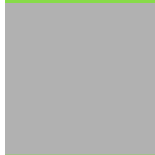
186.8590, -9.7905, -33.2023

Monochromacy



Original Color

177.2400, -51.3903, -37.0445



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9880, -18.7281, -13.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2400, -51.3903, -37.0445 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(135, 219, 73)` looks like.

```
.text, #text, p{  
    color:rgb(135, 219, 73)  
}
```

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(135, 219, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 219, 73) }
```

Border

The CSS property to change the border of an element to YUV 177.2400, -51.3903, -37.0445 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(135, 219, 73) }
```


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

```
.border{ border-color:rgb(135, 219, 73) }
```

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

Here you see how a box with a 4 pixel rgb(135, 219, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 219, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 219, 73);  
box-shadow:4px 4px 4px 4px rgb(135, 219,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 177.2400, -51.3903, -37.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 219, 73) }
```

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

```
.background{ background-color: rgb(135,  
219, 73) }
```

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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