

Converting Colors

YUV(173.0940, -53.2903,
-34.2854)

Have a look what the booklet for
YUV(173.0940, -53.2903, -34.2854)
contains.

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Color

**YUV(173.0940, -53.2903,
-34.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	86D641
RGB	134, 214, 65
RGB Percent	53%, 84%, 25%
CMY	0.4745, 0.1608, 0.7451
CMYK	0.37, 0.00, 0.70, 0.16
HSL	92°, 65%, 55%
HSV	92°, 70%, 84%
XYZ	34.8322, 53.5431, 13.5000
YIQ	173.0940, 0.1490, -63.2990

Conversions

Conversions Part 2

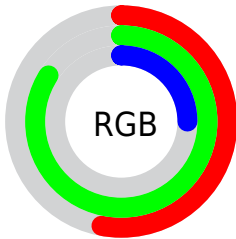
Format	Color
RYB	65, 214, 145
Decimal	8836673
CIELab	78.19, -48.20, 62.68
CIElCh	78, 79.068, 127.563
Yxy	53.5431, 0.3419, 0.5256
Android (android.graphics.Color)	4287026753 (0xFF86D641)
YUV	173.0940, -53.2903, -34.2854
Hunter-Lab	73.1732, -43.0827, 40.2825

Details

The YUV color **173.0940, -53.2903, -34.2854** 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 **105.9060, 53.2903, 34.2854**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8870, -49.2443, -25.3339**, and **116.0570, -57.2161, -35.1300** is the 20% darker color. If you saturate the color by 10%, you get **167.4110, -60.8416, -38.9484**, and if you desaturate by 10%, it is **178.7770, -45.7391, -29.6224**.

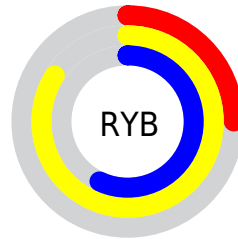
Distribution



Red (53%)

Green (84%)

Blue (25%)



Red (25%)

Yellow (84%)

Blue (57%)

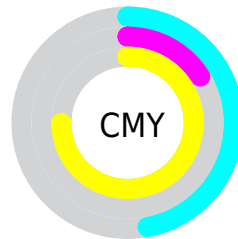


Cyan (37%)

Magenta (0%)

Yellow (70%)

Black (16%)



Cyan (47%)

Magenta (16%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0940, -53.2903, -34.2854 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 173.0940, -53.2903, -34.2854 by changing the saturation by 10% instead.

■ 173.0940,
-53.2903, -34.2854

■ 173.0940,
-53.2903, -34.2854

■ 255.0000, 0.0000,
0.0000

■ 144.4530,
-54.4533, -34.6003

■ 220.8870,
-49.2443, -25.3339

■ 116.0570,
-57.2161, -35.1300

■ 232.7500,
-41.2888, -10.3048

■ 90.9390, -44.8329,
-40.2885

■ 244.9120,
-33.4806, 5.3392

■ 62.2220, -30.6754,
-54.5687

■ 249.3000,
-21.8399, 4.9989

■ 47.5470, -23.4407,
-41.6987

■ 252.6060, -9.1728,
2.0995

■ 33.4590, -16.4953,
-29.3435

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 173.0940,
-53.2903, -34.2854

■ 173.0940,
-53.2903, -34.2854

■ 167.4110,
-60.8416, -38.9484

■ 178.7770,
-45.7391, -29.6224

■ 161.3150,
-68.6823, -44.1263

■ 184.8730,
-37.8984, -24.4446

■ 155.6320,
-76.2336, -48.7893

■ 190.5560,
-30.3471, -19.7816

■ 155.2190,
-76.5230, -49.3041

■ 196.6520,
-22.5064, -14.6038

■ 202.3350,
-14.9552, -9.9408

■ 208.3170, -7.5513,
-4.6630

■ 214.1140, 0.4368,
-0.1000

■ 220.0960, 7.8407,
5.1778

■ 225.5510, 14.5184,
10.0408

Harmonies

Analogous

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



179.6510, -84.6239, 29.2471



173.0940, -53.2903, -34.2854



146.7640, -6.2927, -128.7120

Triad

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



173.0940, -53.2903, -34.2854



155.8620, 48.8750, -136.6910



166.9770, 5.4343, 77.1962

Complementary

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



173.0940, -53.2903, -34.2854



105.9060, 53.2903, 34.2854

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.



182.9300, 33.5585, 63.2054



173.0940, -53.2903, -34.2854



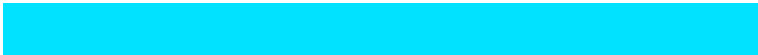
151.2980, 51.1251, -111.6403

Square

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



173.0940, -53.2903, -34.2854



161.7320, 45.9811, -141.8390



191.7050, 31.2044, 24.8147



169.5630, -30.3506, 74.9282

Rectangle

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



173.0940, -53.2903, -34.2854



154.3390, 15.1159, -135.3553



191.7050, 31.2044, 24.8147



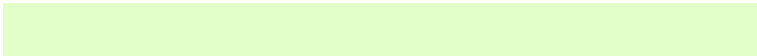
170.4140, 16.0649, 74.1819

Sweetspot

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



173.0940, -53.2903, -34.2854



240.1730, -19.3123, -12.4297



155.9240, -44.8255, 50.9327



118.9700, -11.3242, -7.8667



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.



173.0940, -53.2903, -34.2854



196.2190, -76.5230, -49.3041



153.0330, -40.9353, -77.2049



103.9520, -3.9203, -2.5889



123.9980, -61.1310, -39.4632



31.2210, -15.3920, -9.8408

Inverse Universe

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



105.9060, 53.2903, 34.2854



99.7810, 76.5230, 49.3041



125.9670, 40.9353, 77.2049



99.0480, 3.9203, 2.5889



47.0020, 61.1310, 39.4632



11.7790, 15.3920, 9.8408

Previews

White Background



This preview shows how the YUV color 173.0940, -53.2903, -34.2854 looks on a white background.

Color Contrast Check

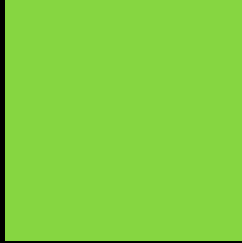
Large Text (above 18pt) WCAG AA × Fail

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 173.0940, -53.2903, -34.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

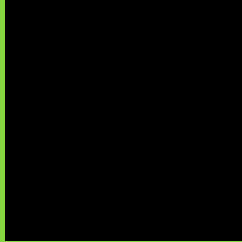
Any Text WCAG AA ✓ Pass

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 173.0940, -53.2903, -34.2854 Background



This preview shows how black text looks on a background with the YUV color 173.0940, -53.2903, -34.2854.



This preview shows how white text looks on a background with the YUV color 173.0940, -53.2903, -34.2854.

-34.2854.

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

173.0940, -53.2903, -34.2854

Protanopia

184.6010, -61.9213, 27.5369

Deuteranopia

187.5460, -54.9922, 45.1252



Tritanopia

188.6680, 13.4747, -28.6498

Trichromacy



Original Color

173.0940, -53.2903, -34.2854

Protanomaly

180.5550, -58.9406, 4.7753

Deuteranomaly

182.1850, -54.3212, 16.5008

Tritanomaly

182.9410, -10.8169, -30.6433

Monochromacy



Original Color

173.0940, -53.2903, -34.2854

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1730, -19.3123, -12.4297

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0940, -53.2903, -34.2854 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(134, 214, 65)` looks like.

```
.text, #text, p{  
    color:rgb(134, 214, 65)  
}
```

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(134, 214, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 214, 65) }
```

Border

The CSS property to change the border of an element to YUV 173.0940, -53.2903, -34.2854 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(134, 214, 65) }
```


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

```
.border{ border-color:rgb(134, 214, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 214, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 214, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 214, 65);  
box-shadow:4px 4px 4px 4px rgb(134, 214,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 173.0940, -53.2903, -34.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 214, 65) }
```

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

```
.background{ background-color: rgb(134,  
214, 65) }
```

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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