

Converting Colors

YUV(164.5670, -37.2545,
-44.3473)

Have a look what the booklet for
YUV(164.5670, -37.2545, -44.3473)
contains.

YUV(164.5670, -37.2545, -44.3473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.5670, -37.2545,
-44.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	72CD59
RGB	114, 205, 89
RGB Percent	45%, 80%, 35%
CMY	0.5529, 0.1961, 0.6510
CMYK	0.44, 0.00, 0.57, 0.20
HSL	107°, 54%, 58%
HSV	107°, 57%, 80%
XYZ	30.5739, 47.9613, 17.0972
YIQ	164.5670, -17.0000, -55.3680

Conversions

Conversions Part 2

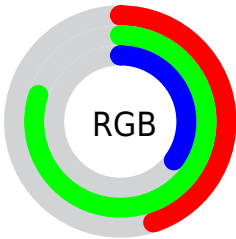
Format	Color
RYB	89, 205, 180
Decimal	7523673
CIELab	74.80, -48.79, 48.65
CIELCh	75, 68.904, 135.081
Yxy	47.9613, 0.3197, 0.5015
Android (android.graphics.Color)	4285713753 (0xFF72CD59)
YUV	164.5670, -37.2545, -44.3473
Hunter-Lab	69.2541, -42.3915, 33.8405

Details

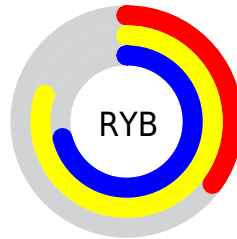
The YUV color **164.5670, -37.2545, -44.3473** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **129.4330, 37.2545, 44.3473**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0020, -36.9760, -40.3438**, and **108.8980, -35.9387, -46.3915** is the 20% darker color. If you saturate the color by 10%, you get **157.5030, -43.6320, -52.1841**, and if you desaturate by 10%, it is **171.7450, -30.4403, -36.6104**.

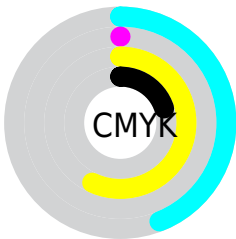
Distribution



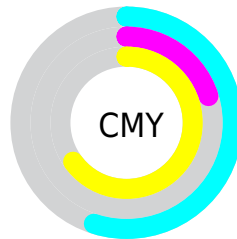
- Red (45%)
- Green (80%)
- Blue (35%)



- Red (35%)
- Yellow (80%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (57%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5670, -37.2545, -44.3473 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 164.5670, -37.2545, -44.3473 by changing the saturation by 10% instead.

■ 164.5670,
-37.2545, -44.3473

■ 164.5670,
-37.2545, -44.3473

■ 255.0000, 0.0000,
0.0000

■ 136.4960,
-36.2335, -45.1620

■ 217.0020,
-36.9760, -40.3438

■ 108.8980,
-35.9387, -46.3915

■ 228.7510,
-29.4572, -25.2146

■ 77.3980, -37.6642,
-52.9690

■ 240.6140,
-21.5017, -10.1855

■ 57.5260, -28.3603,
-50.4503

■ 251.6940,
-12.6671, 2.8994

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,
-25.7399

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 164.5670,
-37.2545, -44.3473

■ 164.5670,
-37.2545, -44.3473

■ 157.5030,
-43.6320, -52.1841

■ 171.7450,
-30.4403, -36.6104

■ 150.3250,
-50.4462, -59.9210

■ 178.8090,
-24.0628, -28.7735

■ 143.1470,
-57.2605, -67.6579

■ 185.9870,
-17.2486, -21.0366

■ 136.0830,
-63.6379, -75.4948

■ 193.0510,
-10.8711, -13.1997

■ 133.4910,
-65.8111, -78.4836

■ 200.2290, -4.0569,
-5.4628

■ 207.2930, 2.3206,
2.3740

■ 214.7700, 8.9874,
10.7257

■ 221.8340, 15.3648,
18.5626

■ 225.6500, 14.4696,
25.7400

Harmonies

Analogous

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



173.5020, -61.8725, 11.8377



164.5670, -37.2545, -44.3473



142.0170, 3.4426, -124.5489

Triad

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



164.5670, -37.2545, -44.3473



146.4700, 53.5053, -128.4542



167.8770, -6.3484, 76.4069

Complementary

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



164.5670, -37.2545, -44.3473



129.4330, 37.2545, 44.3473

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.



177.4070, 20.0123, 68.0491



164.5670, -37.2545, -44.3473



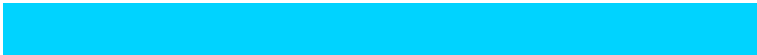
171.5070, 41.1620, -42.5406

Square

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



164.5670, -37.2545, -44.3473



152.9270, 50.3220, -134.1170



187.0530, 33.4979, 35.9105



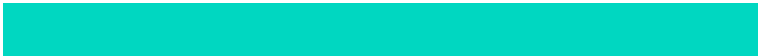
171.8310, -36.8917, 72.9392

Rectangle

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



164.5670, -37.2545, -44.3473



148.2070, 22.0829, -129.9775



187.0530, 33.4979, 35.9105



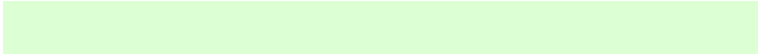
169.0970, 3.4032, 75.3369

Sweetspot

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



164.5670, -37.2545, -44.3473



239.9320, -13.7705, -16.6034



177.1010, -43.4338, 24.4674



118.7570, -8.2612, -10.3109



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.



164.5670, -37.2545, -44.3473



194.6140, -55.5187, -66.3135



160.8540, -19.1550, -63.0160



98.4680, -3.1887, -3.9184



108.2060, -53.3456, -63.3247



24.6980, -12.1761, -14.6441

Inverse Universe

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



129.4330, 37.2545, 44.3473



142.3860, 55.5187, 66.3135



133.1460, 19.1550, 63.0160



95.5320, 3.1887, 3.9184



57.7940, 53.3456, 63.3247



13.3020, 12.1761, 14.6441

Previews

White Background



This preview shows how the YUV color 164.5670, -37.2545, -44.3473 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 164.5670, -37.2545, -44.3473 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 164.5670, -37.2545, -44.3473 Background



This preview shows how black text looks on a background with the YUV color 164.5670, -37.2545, -44.3473.



This preview shows how white text looks on a background with the YUV color 164.5670, -37.2545, -44.3473.

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

164.5670, -37.2545, -44.3473

Protanopia

177.4660, -47.0647, 22.3933

Deuteranopia

180.1720, -41.0038, 38.4372



Tritanopia

177.6670, 14.9542, -36.5420

Trichromacy



Original Color

164.5670, -37.2545, -44.3473

Protanomaly

172.9360, -43.3524, -1.6979

Deuteranomaly

174.3270, -39.6012, 8.4832

Tritanomaly

172.7210, -3.8065, -39.2203

Monochromacy



Original Color

164.5670, -37.2545, -44.3473

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9320, -13.7705, -16.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5670, -37.2545, -44.3473 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(114, 205, 89)` looks like.

```
.text, #text, p{  
    color:rgb(114, 205, 89)  
}
```

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(114, 205, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 205, 89) }
```

Border

The CSS property to change the border of an element to YUV 164.5670, -37.2545, -44.3473 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(114, 205, 89) }
```


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

```
.border{ border-color:rgb(114, 205, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 205, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 205, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 205, 89);  
box-shadow:4px 4px 4px 4px rgb(114, 205,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 164.5670, -37.2545, -44.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 205, 89) }
```

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

```
.background{ background-color: rgb(114,  
205, 89) }
```

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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