

Converting Colors

YUV(137.6980, -59.5041,
-47.9701)

Have a look what the booklet for
YUV(137.6980, -59.5041, -47.9701)
contains.

YUV(137.6980, -59.5041, -47.9701)	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(137.6980, -59.5041,
-47.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	53BD11
RGB	83, 189, 17
RGB Percent	33%, 74%, 7%
CMY	0.6745, 0.2588, 0.9333
CMYK	0.56, 0.00, 0.91, 0.26
HSL	97°, 83%, 40%
HSV	97°, 91%, 74%
XYZ	21.8661, 38.2747, 6.7656
YIQ	137.6980, -7.9640, -75.9640

Conversions

Conversions Part 2

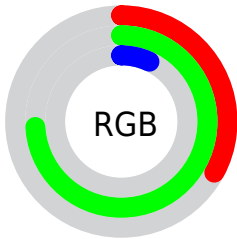
Format	Color
RYB	17, 189, 123
Decimal	5487889
CIELab	68.22, -56.66, 66.00
CIELCh	68, 86.980, 130.646
Yxy	38.2747, 0.3268, 0.5721
Android (android.graphics.Color)	4283677969 (0xFF53BD11)
YUV	137.6980, -59.5041, -47.9701
Hunter-Lab	61.8665, -45.1775, 36.8227

Details

The YUV color **137.6980, -59.5041, -47.9701** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **68.3020, 59.5041, 47.9701**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7350, -55.5784, -47.1256**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **132.7700, -65.4556, -52.4183**, and if you desaturate by 10%, it is **143.4520, -52.9738, -42.4924**.

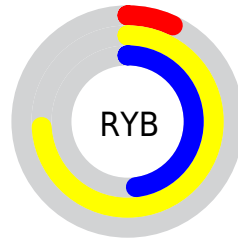
Distribution



Red (33%)

Green (74%)

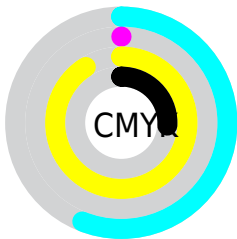
Blue (7%)



Red (7%)

Yellow (74%)

Blue (48%)

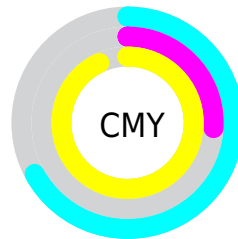


Cyan (56%)

Magenta (0%)

Yellow (91%)

Black (26%)



Cyan (67%)

Magenta (26%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6980, -59.5041, -47.9701 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 137.6980, -59.5041, -47.9701 by changing the saturation by 10% instead.

■ 137.6980,
-59.5041, -47.9701

■ 137.6980,
-59.5041, -47.9701

■ 255.0000, 0.0000,
0.0000

■ 109.1580,
-53.8149, -52.7586

■ 196.7350,
-55.5784, -47.1256

■ 78.6580, -38.7784,
-68.9831

■ 214.1800,
-50.3747, -36.1149

■ 63.3960, -31.2542,
-55.5983

■ 226.3420,
-42.5666, -20.4709

■ 48.7210, -24.0195,
-42.7283

■ 238.6180,
-34.3217, -4.9270

■ 34.0460, -16.7847,
-29.8583

■ 248.3880,
-25.3343, 5.7987

■ 20.5450, -10.1287,
-18.0180

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 137.6980,
-59.5041, -47.9701

■ 137.6980,
-59.5041, -47.9701

■ 132.7700,
-65.4556, -52.4183

■ 143.4520,
-52.9738, -42.4924

■ 148.9070,
-46.2962, -37.6294

■ 154.6610,
-39.7659, -32.1517

■ 160.4150,
-33.2356, -26.6740

■ 165.8700,
-26.5579, -21.8110

■ 171.5100,
-20.4644, -16.2333

■ 177.2640,
-13.9342, -10.7555

■ 182.7190, -7.2565,
-5.8926

■ 188.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



153.2890, -75.5715, 19.0405



137.6980, -59.5041, -47.9701



128.8800, -8.8148, -113.0278

Triad

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



137.6980, -59.5041, -47.9701



140.0130, 56.6886, -122.7914



134.6970, 3.6004, 105.5057

Complementary

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



137.6980, -59.5041, -47.9701



68.3020, 59.5041, 47.9701

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.



152.9810, 33.0404, 89.4707



137.6980, -59.5041, -47.9701



127.0990, 63.0552, -111.4658

Square

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



137.6980, -59.5041, -47.9701



145.8830, 53.7947, -127.9394



166.3650, 43.6971, 31.2519



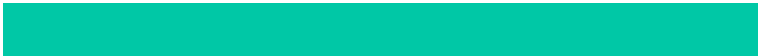
145.4040, -39.1462, 96.1157

Rectangle

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



137.6980, -59.5041, -47.9701



136.3240, 14.6303, -119.5561



166.3650, 43.6971, 31.2519



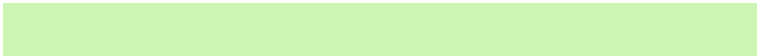
137.0740, 15.2465, 103.4211

Sweetspot

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



137.6980, -59.5041, -47.9701



225.2170, -22.7850, -18.6073



128.8890, -55.1613, 52.7173



110.3780, -13.4974, -10.8555



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.



137.6980, -59.5041, -47.9701



171.9210, -84.7571, -68.3367



119.9020, -42.3497, -90.2451



91.4790, -3.1941, -2.1741



110.9850, -54.7156, -43.8368



21.7850, -10.7400, -8.5814

Inverse Universe

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



68.3020, 59.5041, 47.9701



73.0790, 84.7571, 68.3367



86.0980, 42.3497, 90.2451



87.8200, 3.0467, 2.7889



47.0150, 54.7156, 43.8368



9.2150, 10.7400, 8.5814

Previews

White Background



This preview shows how the YUV color 137.6980, -59.5041, -47.9701 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 137.6980, -59.5041, -47.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

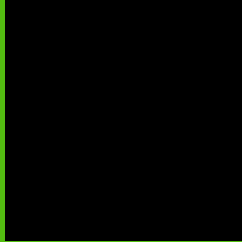
Any Text WCAG AA ✓ Pass

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 137.6980, -59.5041, -47.9701 Background



This preview shows how black text looks on a background with the YUV color 137.6980, -59.5041, -47.9701.



This preview shows how white text looks on a background with the YUV color 137.6980, -59.5041, -47.9701.

-47.9701.

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

137.6980, -59.5041, -47.9701

Protanopia

153.0560, -75.4566, 28.8919

Deuteranopia

159.1390, -57.7495, 42.8511



Tritanopia

158.1610, 15.6966, -41.3602

Trichromacy



Original Color

137.6980, -59.5041, -47.9701

Protanomaly

147.3730, -69.6969, 1.4269

Deuteranomaly

151.7020, -58.5201, 9.9083

Tritanomaly

150.9240, -11.7945, -43.7833

Monochromacy



Original Color

137.6980, -59.5041, -47.9701

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1570, -21.7694, -17.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6980, -59.5041, -47.9701 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(83, 189, 17)` looks like.

```
.text, #text, p{  
    color:rgb(83, 189, 17)  
}
```

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(83, 189, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 189, 17) }
```

Border

The CSS property to change the border of an element to YUV 137.6980, -59.5041, -47.9701 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(83, 189, 17) }
```


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

```
.border{ border-color:rgb(83, 189, 17) }
```

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

Here you see how a box with a 4 pixel rgb(83, 189, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 189, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 189, 17);  
box-shadow:4px 4px 4px 4px rgb(83, 189,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 137.6980, -59.5041, -47.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 189, 17) }
```

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

```
.background{ background-color: rgb(83, 189,  
17) }
```

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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