

Converting Colors

YUV(135.8180, -58.0843,
-36.6744)

Have a look what the booklet for
YUV(135.8180, -58.0843, -36.6744)
contains.

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Color

**YUV(135.8180, -58.0843,
-36.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB412
RGB	94, 180, 18
RGB Percent	37%, 71%, 7%
CMY	0.6314, 0.2941, 0.9294
CMYK	0.48, 0.00, 0.90, 0.29
HSL	92°, 82%, 39%
HSV	92°, 90%, 71%
XYZ	21.0465, 35.0659, 6.2314
YIQ	135.8180, 0.7460, -68.6140

Conversions

Conversions Part 2

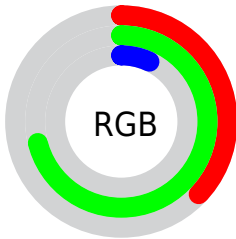
Format	Color
RYB	18, 180, 104
Decimal	6206482
CIELab	65.80, -50.09, 63.96
CIELCh	66, 81.241, 128.067
Yxy	35.0659, 0.3376, 0.5625
Android (android.graphics.Color)	4284396562 (0xFF5EB412)
YUV	135.8180, -58.0843, -36.6744
Hunter-Lab	59.2164, -40.1868, 35.2124

Details

The YUV color **135.8180, -58.0843, -36.6744** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **62.1820, 58.0843, 36.6744**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0290, -54.7373, -36.8594**, and **82.3340, -40.5907, -47.6509** is the 20% darker color. If you saturate the color by 10%, you get **130.7760, -64.4726, -41.0226**, and if you desaturate by 10%, it is **140.8600, -51.6960, -32.3262**.

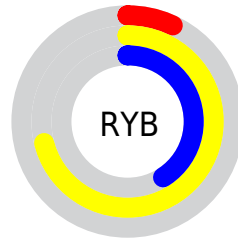
Distribution



Red (37%)

Green (71%)

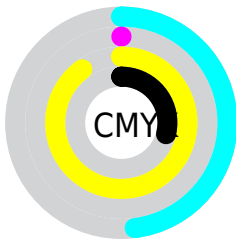
Blue (7%)



Red (7%)

Yellow (71%)

Blue (41%)

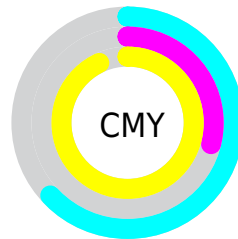


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (63%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8180, -58.0843, -36.6744 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 135.8180, -58.0843, -36.6744 by changing the saturation by 10% instead.

■ 135.8180,
-58.0843, -36.6744

■ 135.8180,
-58.0843, -36.6744

■ 255.0000, 0.0000,
0.0000

■ 108.9470,
-53.7109, -39.4185

■ 194.0290,
-54.7373, -36.8594

■ 82.3340, -40.5907,
-47.6509

■ 216.4580,
-51.9908, -31.0967

■ 58.7000, -28.9391,
-51.4799

■ 228.6200,
-44.1827, -15.4527

■ 44.6120, -21.9937,
-39.1247

■ 240.4830,
-36.2271, -0.4236

■ 30.5240, -15.0483,
-26.7695

■ 248.1600,
-26.2079, 5.9987

■ 17.0230, -8.3923,
-14.9292

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 135.8180,
-58.0843, -36.6744

■ 135.8180,
-58.0843, -36.6744

■ 130.7760,
-64.4726, -41.0226

■ 140.8600,
-51.6960, -32.3262

■ 145.6030,
-45.1603, -28.5928

■ 150.6450,
-38.7720, -24.2447

■ 155.3880,
-32.2363, -20.5113

■ 160.4300,
-25.8480, -16.1631

■ 165.1730,
-19.3123, -12.4297

■ 170.2150,
-12.9240, -8.0816

■ 174.9580, -6.3883,
-4.3482

■ 180.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.7070, -72.8196, 23.0590



135.8180, -58.0843, -36.6744



122.5710, -10.1415, -107.4948

Triad

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



135.8180, -58.0843, -36.6744



135.9040, 58.7143, -119.1878



137.1590, 2.8796, 103.3466

Complementary

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



135.8180, -58.0843, -36.6744



62.1820, 58.0843, 36.6744

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.



155.4600, 29.8462, 87.2966



135.8180, -58.0843, -36.6744



124.7510, 64.2128, -109.4066

Square

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



135.8180, -58.0843, -36.6744



140.5030, 53.4890, -123.2211



161.2820, 46.2030, 20.8007



143.8540, -34.9310, 97.4750

Rectangle

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



135.8180, -58.0843, -36.6744



130.1460, 11.2670, -114.1380



161.2820, 46.2030, 20.8007



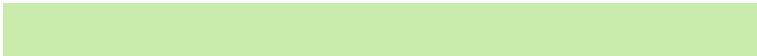
140.0090, 13.7996, 100.8471

Sweetspot

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



135.8180, -58.0843, -36.6744



217.5380, -22.9432, -14.5038



115.7460, -48.1888, 56.3508



106.8020, -13.2134, -8.5964



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



135.8180, -58.0843, -36.6744



170.8350, -84.2217, -53.3523



113.4360, -45.5709, -83.6974



86.7780, -3.3416, -1.5593



111.3390, -54.8901, -34.5003



18.8500, -9.2930, -6.0074

Inverse Universe

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



62.1820, 58.0843, 36.6744



64.1650, 84.2217, 53.3523



84.5640, 45.5709, 83.6974



82.5210, 3.1941, 2.1741



41.6610, 54.8901, 34.5003



7.1500, 9.2931, 6.0074

Previews

White Background



This preview shows how the YUV color 135.8180, -58.0843, -36.6744 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 135.8180, -58.0843, -36.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

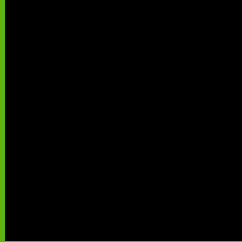
Any Text WCAG AA ✓ Pass

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 135.8180, -58.0843, -36.6744 Background



This preview shows how black text looks on a background with the YUV color 135.8180, -58.0843, -36.6744.



This preview shows how white text looks on a background with the YUV color 135.8180, -58.0843, -36.6744.

-36.6744.

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

135.8180, -58.0843, -36.6744

Protanopia

147.6520, -69.3414, 27.4922

Deuteranopia

152.9970, -55.7075, 41.2216



Tritanopia

153.6460, 13.4855, -32.1385

Trichromacy



Original Color

135.8180, -58.0843, -36.6744

Protanomaly

143.5350, -65.3398, 3.9158

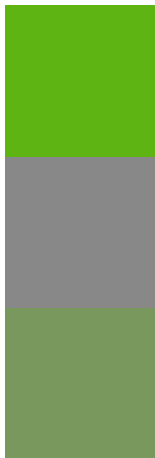
Deuteranomaly

146.8810, -56.6363, 12.3824

Tritanomaly

147.4630, -12.5533, -33.7321

Monochromacy



Original Color

135.8180, -58.0843, -36.6744

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0050, -21.2015, -13.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8180, -58.0843, -36.6744 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(94, 180, 18)` looks like.

```
.text, #text, p{  
    color:rgb(94, 180, 18)  
}
```

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(94, 180, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 180, 18) }
```

Border

The CSS property to change the border of an element to YUV 135.8180, -58.0843, -36.6744 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(94, 180, 18) }
```


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

```
.border{ border-color:rgb(94, 180, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 180, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 180, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 180, 18);  
box-shadow:4px 4px 4px 4px rgb(94, 180,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 135.8180, -58.0843, -36.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 180, 18) }
```

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

```
.background{ background-color: rgb(94, 180,  
18) }
```

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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