

Converting Colors

YUV(136.8540, -45.7770,
-17.4120)

Have a look what the booklet for
YUV(136.8540, -45.7770, -17.4120)
contains.

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Color

**YUV(136.8540, -45.7770,
-17.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	75A52C
RGB	117, 165, 44
RGB Percent	46%, 65%, 17%
CMY	0.5412, 0.3529, 0.8275
CMYK	0.29, 0.00, 0.73, 0.35
HSL	84°, 58%, 41%
HSV	84°, 73%, 65%
XYZ	21.2459, 30.8740, 7.2224
YIQ	136.8540, 10.2330, -47.8070

Conversions

Conversions Part 2

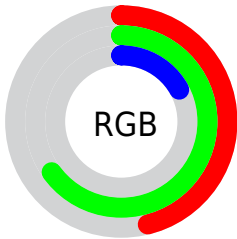
Format	Color
RYB	44, 165, 92
Decimal	7709996
CIELab	62.40, -34.49, 54.21
CIELCh	62, 64.255, 122.463
Yxy	30.8740, 0.3580, 0.5203
Android (android.graphics.Color)	4285900076 (0xFF75A52C)
YUV	136.8540, -45.7770, -17.4120
Hunter-Lab	55.5644, -28.9856, 31.1884

Details

The YUV color $136.8540, -45.7770, -17.4120$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $72.1460, 45.7770, 17.4120$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.7400, -46.2138, -17.3120$, and $85.1680, -41.9878, -19.4413$ is the 20% darker color. If you saturate the color by 10%, you get $132.8230, -52.1707, -20.0158$, and if you desaturate by 10%, it is $140.7710, -39.8201, -14.7082$.

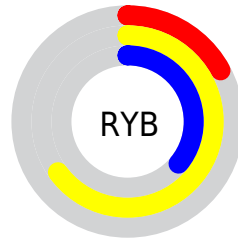
Distribution



Red (46%)

Green (65%)

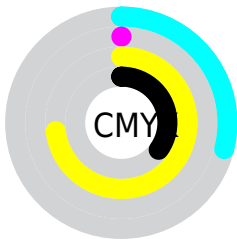
Blue (17%)



Red (17%)

Yellow (65%)

Blue (36%)

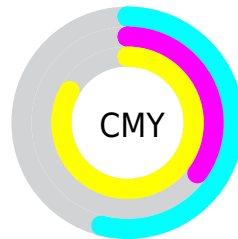


Cyan (29%)

Magenta (0%)

Yellow (73%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8540, -45.7770, -17.4120 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 136.8540, -45.7770, -17.4120 by changing the saturation by 10% instead.

■ 136.8540,
-45.7770, -17.4120

■ 136.8540,
-45.7770, -17.4120

■ 255.0000, 0.0000,
0.0000

■ 108.9420,
-49.2714, -16.6121

■ 191.7400,
-46.2138, -17.3120

■ 85.1680, -41.9878,
-19.4413

■ 220.5120,
-47.0874, -17.1120

■ 62.4200, -30.7731,
-23.1703

■ 235.7830,
-41.3050, -5.0717

■ 37.5680, -18.5210,
-32.9471

■ 246.4500,
-32.7599, 7.4983

■ 24.6540, -12.1544,
-21.6216

■ 249.6420,
-20.5295, 4.6990

■ 9.3920, -4.6303,
-8.2368

■ 252.9480, -7.8624,

■ 0.0000, 0.0000,

1.7996

0.0000

■ 136.8540,
-45.7770, -17.4120

■ 136.8540,
-45.7770, -17.4120

■ 132.8230,
-52.1707, -20.0158

■ 140.7710,
-39.8201, -14.7082

■ 129.2050,
-58.2751, -22.1048

■ 144.5030,
-33.2790, -12.7191

■ 126.7550,
-62.4902, -23.4641

■ 148.4200,
-27.3221, -10.0153

■ 152.1520,
-20.7809, -8.0263

■ 156.0690,
-14.8240, -5.3225

■ 159.8010, -8.2829,
-3.3335

■ 163.7180, -2.3260,
-0.6297

■ 167.4500, 4.2152,
1.3594

■ 171.3670, 10.1721,
4.0631

Harmonies

Analogous

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



141.9710, -63.0897, 28.9664



136.8540, -45.7770, -17.4120



112.9680, -8.8582, -99.0729

Triad

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



136.8540, -45.7770, -17.4120



128.5180, 60.8766, -112.7103



147.5120, 0.7336, 91.6360

Complementary

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



136.8540, -45.7770, -17.4120



72.1460, 45.7770, 17.4120

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.



153.4430, 25.4176, 61.0015



136.8540, -45.7770, -17.4120



120.6420, 66.2385, -105.8030

Square

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



136.8540, -45.7770, -17.4120



127.9530, 40.9422, -112.2148



153.8730, 46.4046, 2.7424



146.3890, -26.3208, 89.1128

Rectangle

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



136.8540, -45.7770, -17.4120



119.1750, 7.3087, -104.5165



153.8730, 46.4046, 2.7424



149.6450, 9.0490, 84.5033

Sweetspot

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



136.8540, -45.7770, -17.4120



203.2600, -17.8762, -6.3670



107.1810, -31.1482, 50.7073



100.5190, -10.6089, -3.9632



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



136.8540, -45.7770, -17.4120



170.1430, -71.0625, -27.3124



119.2130, -37.0800, -53.6838



79.7780, -3.3416, -1.5593



111.4270, -54.9335, -20.5455



13.8550, -6.8305, -2.5038

Inverse Universe

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



72.1460, 45.7770, 17.4120



69.5580, 71.2099, 26.6976



89.7870, 37.0800, 53.6838



75.2220, 3.3416, 1.5593



33.8720, 54.7861, 21.1603



4.1450, 6.8305, 2.5038

Previews

White Background



This preview shows how the YUV color 136.8540, -45.7770, -17.4120 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 136.8540, -45.7770, -17.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

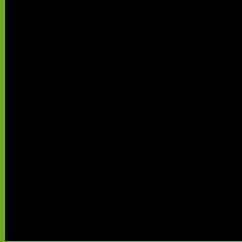
Any Text WCAG AA ✓ Pass

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 136.8540, -45.7770, -17.4120 Background



This preview shows how black text looks on a background with the YUV color 136.8540, -45.7770, -17.4120.



This preview shows how white text looks on a background with the YUV color 136.8540, -45.7770, -17.4120.

-17.4120.

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

136.8540, -45.7770, -17.4120

Protanopia

143.7280, -51.1379, 22.1635

Deuteranopia

146.1950, -45.9451, 36.6630



Tritanopia

148.7900, 8.4845, -14.7248

Trichromacy



Original Color

136.8540, -45.7770, -17.4120

Protanomaly

141.0960, -49.3473, 7.8088

Deuteranomaly

142.7750, -45.7381, 16.8603

Tritanomaly

144.6270, -11.1551, -15.4589

Monochromacy



Original Color

136.8540, -45.7770, -17.4120

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9010, -16.7132, -6.0522

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8540, -45.7770, -17.4120 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(117, 165, 44)` looks like.

```
.text, #text, p{  
    color:rgb(117, 165, 44)  
}
```

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(117, 165, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 165, 44) }
```

Border

The CSS property to change the border of an element to YUV 136.8540, -45.7770, -17.4120 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(117, 165, 44) }
```


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

```
.border{ border-color:rgb(117, 165, 44) }
```

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

Here you see how a box with a 4 pixel rgb(117, 165, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 165, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 165, 44);  
box-shadow:4px 4px 4px 4px rgb(117, 165,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 136.8540, -45.7770, -17.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 165, 44) }
```

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

```
.background{ background-color: rgb(117,  
165, 44) }
```

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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