

Converting Colors

YUV(111.7110, -25.4935,
-36.5805)

Have a look what the booklet for
YUV(111.7110, -25.4935, -36.5805)
contains.

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Color

**YUV(111.7110, -25.4935,
-36.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	468F3C
RGB	70, 143, 60
RGB Percent	27%, 56%, 24%
CMY	0.7255, 0.4392, 0.7647
CMYK	0.51, 0.00, 0.58, 0.44
HSL	113°, 41%, 40%
HSV	113°, 58%, 56%
XYZ	13.1639, 21.2733, 7.6873
YIQ	111.7110, -16.8650, -41.2890

Conversions

Conversions Part 2

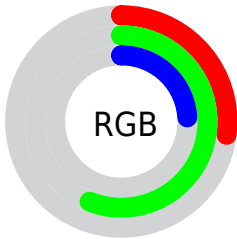
Format	Color
RYB	60, 143, 133
Decimal	4624188
CIELab	53.25, -39.79, 36.73
CIELCh	53, 54.149, 137.287
Yxy	21.2733, 0.3125, 0.5050
Android (android.graphics.Color)	4282814268 (0xFF468F3C)
YUV	111.7110, -25.4935, -36.5805
Hunter-Lab	46.1229, -29.7698, 22.4042

Details

The YUV color **111.7110, -25.4935, -36.5805** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **91.2890, 25.4935, 36.5805**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2550, -27.2407, -36.1806**, and **56.2260, -23.2824, -45.8022** is the 20% darker color. If you saturate the color by 10%, you get **106.2280, -29.6924, -43.1730**, and if you desaturate by 10%, it is **117.1940, -21.2946, -29.9881**.

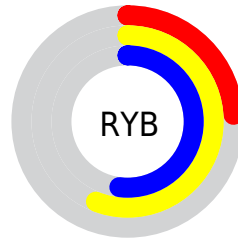
Distribution



Red (27%)

Green (56%)

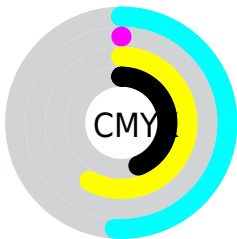
Blue (24%)



Red (24%)

Yellow (56%)

Blue (52%)

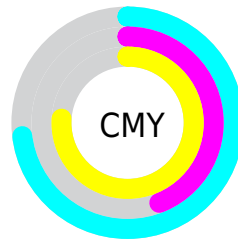


Cyan (51%)

Magenta (0%)

Yellow (58%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7110, -25.4935, -36.5805 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 111.7110, -25.4935, -36.5805 by changing the saturation by 10% instead.

■ 111.7110,
-25.4935, -36.5805

■ 111.7110,
-25.4935, -36.5805

■ 255.0000, 0.0000,
0.0000

■ 85.3410, -24.3251,
-38.0101

■ 165.2550,
-27.2407, -36.1806

■ 56.2260, -23.2824,
-45.8022

■ 193.6140,
-28.4037, -36.4955

■ 39.3290, -19.3892,
-34.4915

■ 222.0870,
-29.1299, -36.9103

■ 26.4150, -13.0226,
-23.1660

■ 233.5370,
-21.4637, -22.3959

■ 11.1530, -5.4984,
-9.7812

■ 245.4000,
-13.5082, -7.3668

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 111.7110,
-25.4935, -36.5805

■ 111.7110,
-25.4935, -36.5805

■ 106.2280,
-29.6924, -43.1730

■ 117.1940,
-21.2946, -29.9881

■ 100.9300,
-34.4755, -49.0506

■ 122.4920,
-16.5116, -24.1105

■ 95.4470, -38.6744,
-55.6430

■ 127.9750,
-12.3127, -17.5181

■ 90.2630, -43.0207,
-61.6207

■ 133.1590, -7.9664,
-11.5404

■ 89.0240, -43.8888,
-63.1650

■ 138.7560, -3.3307,
-5.0480

■ 143.9400, 1.0156,
0.9296

■ 149.4230, 5.2145,
7.5220

■ 154.9060, 9.4133,
14.1144

■ 160.2040, 14.1964,
19.9921

Harmonies

Analogous

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



118.5240, -45.1213, 5.6795



111.7110, -25.4935, -36.5805



98.8460, 3.0339, -86.6879

Triad

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



111.7110, -25.4935, -36.5805



105.8580, 55.2860, -92.8375



124.3240, -11.0057, 76.8919

Complementary

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



111.7110, -25.4935, -36.5805



91.2890, 25.4935, 36.5805

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.



127.8660, 10.4191, 65.0155



111.7110, -25.4935, -36.5805



123.5500, 46.0709, -30.3003

Square

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



111.7110, -25.4935, -36.5805



108.5190, 42.6351, -95.1712



130.9720, 29.5938, 28.0886



124.1550, -31.6284, 64.7621

Rectangle

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



111.7110, -25.4935, -36.5805



103.1950, 17.1589, -90.5020



130.9720, 29.5938, 28.0886



124.6750, -3.2908, 75.7070

Sweetspot

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



111.7110, -25.4935, -36.5805



174.0940, -9.4133, -14.1144



127.0810, -33.0709, 13.9610



87.0500, -5.9406, -7.9368



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



111.7110, -25.4935, -36.5805



137.0940, -39.9793, -57.0874



112.1410, -10.9155, -45.7277



68.4080, -2.1731, -2.9888



84.0290, -41.4263, -59.6614



4.9950, -2.4625, -3.5036

Inverse Universe

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



91.2890, 25.4935, 36.5805



104.9060, 39.9793, 57.0874



90.8590, 10.9155, 45.7277



66.8910, 2.0257, 3.6036



50.9710, 41.4263, 59.6614



3.0050, 2.4625, 3.5036

Previews

White Background



This preview shows how the YUV color 111.7110, -25.4935, -36.5805 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7110, -25.4935, -36.5805 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.7110, -25.4935, -36.5805 Background



This preview shows how black text looks on a background with the YUV color 111.7110, -25.4935, -36.5805.



This preview shows how white text looks on a background with the YUV color 111.7110, -25.4935, -36.5805.

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

111.7110, -25.4935, -36.5805

Protanopia

122.9780, -33.5132, 15.8053

Deuteranopia

124.3090, -28.7463, 26.9160



Tritanopia

121.2010, 11.7329, -29.9943

Trichromacy



Original Color

111.7110, -25.4935, -36.5805

Protanomaly

118.9540, -30.5433, -3.4677

Deuteranomaly

119.5080, -27.3654, 3.9395

Tritanomaly

117.6340, -1.7916, -32.1280

Monochromacy



Original Color

111.7110, -25.4935, -36.5805

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8060, -9.2714, -12.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7110, -25.4935, -36.5805 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(70, 143, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 143, 60)  
}
```

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(70, 143, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 143, 60) }
```

Border

The CSS property to change the border of an element to YUV 111.7110, -25.4935, -36.5805 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(70, 143, 60) }
```


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

```
.border{ border-color:rgb(70, 143, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 143, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 143, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 143, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 143,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 111.7110, -25.4935, -36.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 143, 60) }
```

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

```
.background{ background-color: rgb(70, 143,  
60) }
```

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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