

Converting Colors

YUV(137.3390, 42.7239,
-30.1153)

Have a look what the booklet for
YUV(137.3390, 42.7239, -30.1153)
contains.

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Color

**YUV(137.3390, 42.7239,
-30.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	678AE0
RGB	103, 138, 224
RGB Percent	40%, 54%, 88%
CMY	0.5961, 0.4588, 0.1216
CMYK	0.54, 0.38, 0.00, 0.12
HSL	223°, 66%, 64%
HSV	223°, 54%, 88%
XYZ	28.1365, 26.4423, 74.1419
YIQ	137.3390, -48.4660, 19.3260

Conversions

Conversions Part 2

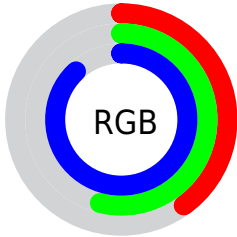
Format	Color
RYB	103, 130, 224
Decimal	6785760
CIELab	58.45, 12.31, -47.58
CIELCh	58, 49.150, 284.502
Yxy	26.4423, 0.2186, 0.2054
Android (android.graphics.Color)	4284975840 (0xFF678AE0)
YUV	137.3390, 42.7239, -30.1153
Hunter-Lab	51.4221, 7.6808, -49.4906

Details

The YUV color **137.3390, 42.7239, -30.1153** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **189.6610, -42.7239, 30.1153**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3260, 32.3773, -24.8419**, and **83.0560, 41.8774, -38.6371** is the 20% darker color. If you saturate the color by 10%, you get **121.3690, 50.5971, -35.4036**, and if you desaturate by 10%, it is **153.3090, 34.8507, -24.8270**.

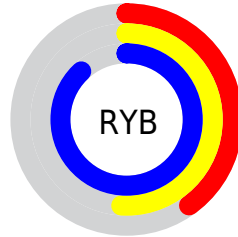
Distribution



Red (40%)

Green (54%)

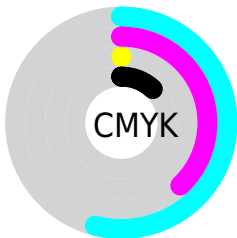
Blue (88%)



Red (40%)

Yellow (51%)

Blue (88%)

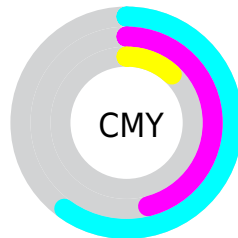


Cyan (54%)

Magenta (38%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (46%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3390, 42.7239, -30.1153 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 137.3390, 42.7239, -30.1153 by changing the saturation by 10% instead.

■ 137.3390, 42.7239,
-30.1153

■ 137.3390, 42.7239,
-30.1153

■ 255.0000, 0.0000,
0.0000

■ 110.5020, 42.1505,
-32.8893

■ 189.3260, 32.3773,
-24.8419

■ 83.0560, 41.8774,
-38.6371

■ 214.4330, 19.9995,
-21.4277

■ 54.8160, 42.4887,
-48.0736

■ 239.8390, 7.4744,
-17.3988

■ 38.9380, 37.4986,
-34.1486

■ 253.2060, 0.8844,
-3.6887

■ 24.9350, 32.0770,
-21.8680

■ 9.2850, 27.9605,
-8.1429

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 137.3390, 42.7239,
-30.1153

■ 137.3390, 42.7239,
-30.1153

■ 121.3690, 50.5971,
-35.4036

■ 153.3090, 34.8507,
-24.8270

■ 105.1000, 58.6177,
-41.3067

■ 169.5780, 26.8300,
-18.9239

■ 89.1300, 66.4909,
-46.5950

■ 185.5480, 18.9568,
-13.6356

■ 72.8610, 74.5115,
-52.4981

■ 201.8170, 10.9362,
-7.7325

■ 63.6910, 79.0323,
-55.8570

■ 217.7870, 3.0630,
-2.4442

■ 233.7570, -4.8102,
2.8441

■ 247.9440,
-11.8044, 6.1881

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



114.6460, 53.4185, -100.5445



137.3390, 42.7239, -30.1153



144.8850, 28.1577, 22.0259

Triad

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



137.3390, 42.7239, -30.1153



139.3550, -28.2760, 62.8327



107.1440, 4.3660, -93.9653

Complementary

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



137.3390, 42.7239, -30.1153



189.6610, -42.7239, 30.1153

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.



128.3530, -25.8100, -28.3736



137.3390, 42.7239, -30.1153



137.2970, -40.5724, 40.0815

Square

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



137.3390, 42.7239, -30.1153



140.3340, -9.5317, 70.7441



134.3980, -40.6222, 9.2980



113.4480, 23.4431, -99.4939

Rectangle

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



137.3390, 42.7239, -30.1153



144.0640, 16.7304, 47.3019



134.3980, -40.6222, 9.2980



119.6120, -8.6827, -61.9267

Sweetspot

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



137.3390, 42.7239, -30.1153



225.7180, 14.4360, -10.2767



183.7170, 2.1115, -70.7888



109.9590, 8.8942, -6.1030



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.



137.3390, 42.7239, -30.1153



136.1000, 58.6177, -41.3067



123.9700, 49.3148, 2.6573



104.0150, 3.9366, -2.6442



50.0010, 62.1175, -43.8509



13.6900, 16.9148, -12.0061

Inverse Universe

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



143.1690, -2.5483, 70.8888



144.1060, -3.5033, 97.2540



203.0300, -49.3148, -2.6573



104.6310, -0.3111, 6.4626



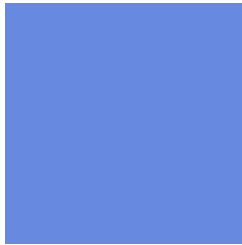
58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 137.3390, 42.7239, -30.1153 looks on a white background.

Color Contrast Check

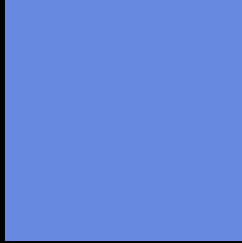
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3390, 42.7239, -30.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

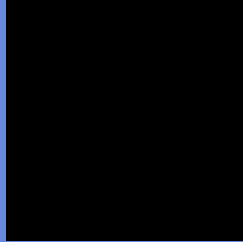
Any Text WCAG AA ✓ Pass

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 137.3390, 42.7239, -30.1153 Background



This preview shows how black text looks on a background with the YUV color 137.3390, 42.7239, -30.1153.

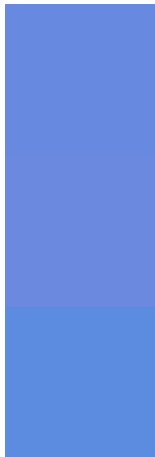


This preview shows how white text looks on a background with the YUV color 137.3390, 42.7239, -30.1153.

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

137.3390, 42.7239, -30.1153

Protanopia

137.8340, 41.9868, -27.0414

Deuteranopia

135.1100, 43.3298, -37.8075



Tritanopia

131.4380, 15.5601, -44.2341

Trichromacy



Original Color

137.3390, 42.7239, -30.1153

Protanomaly

137.5350, 42.1342, -27.6562

Deuteranomaly

135.7190, 43.0295, -34.8336

Tritanomaly

133.4030, 25.4373, -38.9414

Monochromacy



Original Color

137.3390, 42.7239, -30.1153

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0600, 15.7464, -10.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3390, 42.7239, -30.1153 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(103, 138, 224)` looks like.

```
.text, #text, p{  
    color:rgb(103, 138, 224)  
}
```

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(103, 138, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 138, 224) }
```

Border

The CSS property to change the border of an element to YUV 137.3390, 42.7239, -30.1153 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(103, 138, 224) }
```


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

```
.border{ border-color:rgb(103, 138, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 138, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 138, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 138, 224);  
box-shadow:4px 4px 4px 4px rgb(103, 138,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 137.3390, 42.7239, -30.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 138, 224) }
```

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

```
.background{ background-color: rgb(103,  
138, 224) }
```

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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