

Converting Colors

YUV(137.5660, 48.5280,
-25.0524)

Have a look what the booklet for
YUV(137.5660, 48.5280, -25.0524)
contains.

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Color

**YUV(137.5660, 48.5280,
-25.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	6D85EC
RGB	109, 133, 236
RGB Percent	43%, 52%, 93%
CMY	0.5725, 0.4784, 0.0745
CMYK	0.54, 0.44, 0.00, 0.07
HSL	229°, 77%, 68%
HSV	229°, 54%, 93%
XYZ	29.8345, 26.0824, 82.8188
YIQ	137.5660, -47.3670, 26.9450

Conversions

Conversions Part 2

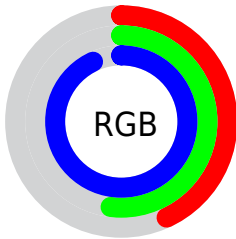
Format	Color
R _Y B	109, 129, 236
Decimal	7177708
CIE Lab	58.12, 20.34, -54.78
CIE LCh	58, 58.437, 290.373
Yxy	26.0824, 0.2150, 0.1880
Android (android.graphics.Color)	4285367788 (0xFF6D85EC)
YUV	137.5660, 48.5280, -25.0524
Hunter-Lab	51.0709, 14.9017, -60.3976

Details

The YUV color **137.5660, 48.5280, -25.0524** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **207.4340, -48.5280, 25.0524**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4840, 32.7924, -17.9645**, and **82.8700, 47.3921, -34.0890** is the 20% darker color. If you saturate the color by 10%, you get **119.2370, 57.5642, -30.0258**, and if you desaturate by 10%, it is **155.8950, 39.4918, -20.0789**.

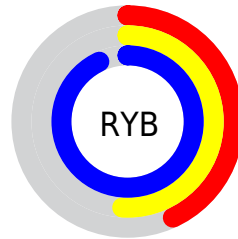
Distribution



Red (43%)

Green (52%)

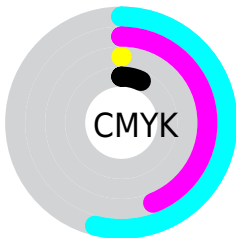
Blue (93%)



Red (43%)

Yellow (51%)

Blue (93%)

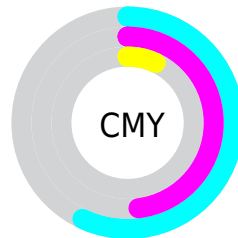


Cyan (54%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (57%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5660, 48.5280, -25.0524 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 137.5660, 48.5280, -25.0524 by changing the saturation by 10% instead.

■ 137.5660, 48.5280,
-25.0524

■ 137.5660, 48.5280,
-25.0524

255.0000, 0.0000,
0.0000

■ 110.6150, 47.5178,
-27.7264

■ 188.4840, 32.7924,
-17.9645

■ 82.8700, 47.3921,
-34.0890

■ 213.0040, 20.7040,
-14.0355

■ 53.1350, 48.7404,
-46.5994

■ 238.9970, 7.8895,
-10.5214

■ 37.8440, 43.4609,
-33.1892

■ 24.3140, 37.3132,
-21.3234

■ 8.6640, 33.1966,
-7.5983

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 137.5660, 48.5280,
-25.0524

■ 137.5660, 48.5280,
-25.0524

■ 119.2370, 57.5642,
-30.0258

■ 155.8950, 39.4918,
-20.0789

■ 101.2070, 66.4529,
-34.3845

■ 173.9250, 30.6030,
-15.7202

■ 82.8780, 75.4891,
-39.3580

■ 192.2540, 21.5668,
-10.7468

■ 64.2610, 84.6673,
-43.2019

■ 210.8710, 12.3886,
-6.9029

■ 53.3190, 90.0617,
-46.7608

■ 229.2000, 3.3524,
-1.9294

■ 247.5290, -5.6838,
3.0441

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



115.5240, 61.8597, -101.3145



137.5660, 48.5280, -25.0524



143.9560, 30.5877, 35.9956

Triad

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



137.5660, 48.5280, -25.0524



136.5100, -36.7334, 68.8357



109.4750, 5.6818, -96.0096

Complementary

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



137.5660, 48.5280, -25.0524



207.4340, -48.5280, 25.0524

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.



121.1720, -24.7348, -46.6318



137.5660, 48.5280, -25.0524



133.9090, -52.2131, 40.4218

Square

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



137.5660, 48.5280, -25.0524



136.1570, -14.3744, 84.0543



129.9920, -48.3101, 1.7610



116.1040, 28.5427, -101.8232

Rectangle

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



137.5660, 48.5280, -25.0524



140.8750, 16.8236, 64.1306



129.9920, -48.3101, 1.7610



106.8360, -1.8911, -93.6952

Sweetspot

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



137.5660, 48.5280, -25.0524



223.3700, 15.5936, -8.2175



195.1770, 7.8007, -75.5772



108.7850, 9.4730, -5.0734



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.



137.5660, 48.5280, -25.0524



126.7080, 63.2480, -33.0699



134.8400, 49.8719, 10.6643



108.4280, 4.2260, -2.1294



40.5920, 69.2211, -35.5992



12.0260, 20.6932, -10.5468

Inverse Universe

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



149.7090, -8.2375, 75.6772



142.2820, -10.4920, 98.8537



210.1600, -49.8719, -10.6643



109.5170, -0.7479, 6.5626



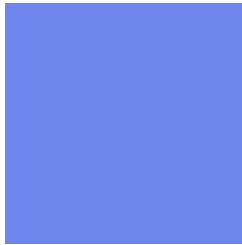
57.9950, -11.8295, 107.8754



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 137.5660, 48.5280, -25.0524 looks on a white background.

Color Contrast Check

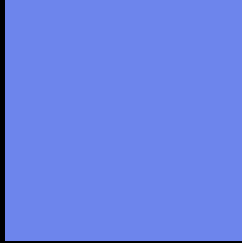
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.5660, 48.5280, -25.0524 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 137.5660, 48.5280, -25.0524 Background



This preview shows how black text looks on a background with the YUV color 137.5660, 48.5280, -25.0524.



This preview shows how white text looks on a background with the YUV color 137.5660, 48.5280, -25.0524.

-25.0524.

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

137.5660, 48.5280, -25.0524

Protanopia

135.1840, 51.1813, -36.1184

Deuteranopia

130.6830, 50.9353, -50.5880



Tritanopia

131.3350, 15.1178, -42.3898

Trichromacy



Original Color

137.5660, 48.5280, -25.0524

Protanomaly

135.9780, 50.2968, -32.4297

Deuteranomaly

132.9230, 50.3240, -41.1515

Tritanomaly

133.5820, 27.3211, -36.4674

Monochromacy



Original Color

137.5660, 48.5280, -25.0524

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.6410, 17.9250, -9.3322

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5660, 48.5280, -25.0524 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(109, 133, 236)` looks like.

```
.text, #text, p{  
    color:rgb(109, 133, 236)  
}
```

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(109, 133, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 133, 236) }
```

Border

The CSS property to change the border of an element to YUV 137.5660, 48.5280, -25.0524 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(109, 133, 236) }
```


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

```
.border{ border-color:rgb(109, 133, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 133, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 133, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 133, 236);  
box-shadow:4px 4px 4px 4px rgb(109, 133,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 137.5660, 48.5280, -25.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 133, 236) }
```

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

```
.background{ background-color: rgb(109,  
133, 236) }
```

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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