

Converting Colors

YUV(140.6720, 37.6297,
-29.5303)

Have a look what the booklet for
YUV(140.6720, 37.6297, -29.5303)
contains.

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Color

**YUV(140.6720, 37.6297,
-29.5303)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8FD9
RGB	107, 143, 217
RGB Percent	42%, 56%, 85%
CMY	0.5804, 0.4392, 0.1490
CMYK	0.51, 0.34, 0.00, 0.15
HSL	220°, 59%, 64%
HSV	220°, 51%, 85%
XYZ	28.4103, 27.7805, 69.5104
YIQ	140.6720, -45.2100, 15.3820

Conversions

Conversions Part 2

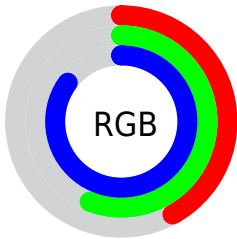
Format	Color
R _Y B	107, 134, 217
Decimal	7049177
CIE Lab	59.69, 8.06, -41.71
CIE LCh	60, 42.482, 280.937
Yxy	27.7805, 0.2260, 0.2210
Android (android.graphics.Color)	4285239257 (0xFF6B8FD9)
YUV	140.6720, 37.6297, -29.5303
Hunter-Lab	52.7072, 3.9776, -41.2968

Details

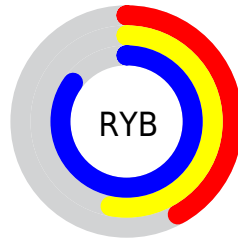
The YUV color $140.6720, 37.6297, -29.5303$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $183.3280, -37.6297, 29.5303$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.1580, 30.4881, -25.5716$, and $87.1120, 36.9198, -35.1782$ is the 20% darker color. If you saturate the color by 10%, you get $125.2890, 45.2135, -35.3335$, and if you desaturate by 10%, it is $156.0550, 30.0459, -23.7272$.

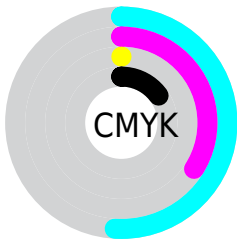
Distribution



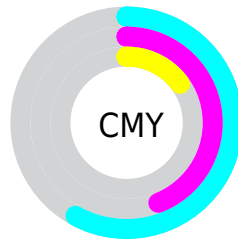
- Red (42%)
- Green (56%)
- Blue (85%)



- Red (42%)
- Yellow (53%)
- Blue (85%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6720, 37.6297, -29.5303 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 140.6720, 37.6297, -29.5303 by changing the saturation by 10% instead.

■ 140.6720, 37.6297,
-29.5303

■ 140.6720, 37.6297,
-29.5303

■ 255.0000, 0.0000,
0.0000

■ 114.1340, 36.9089,
-31.6895

■ 193.1580, 30.4881,
-25.5716

■ 87.1120, 36.9198,
-35.1782

■ 218.2650, 18.1104,
-22.1574

■ 56.4800, 38.7104,
-49.5330

■ 243.9590, 5.4432,
-19.2580

■ 40.6020, 33.7202,
-35.6080

■ 254.1030, 0.4422,
-1.8443

■ 26.1260, 29.0249,
-22.9125

■ 7.5410, 26.3553,
-6.6135

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 140.6720, 37.6297,
-29.5303

■ 140.6720, 37.6297,
-29.5303

■ 125.2890, 45.2135,
-35.3335

■ 156.0550, 30.0459,
-23.7272

■ 110.7920, 52.3605,
-41.0366

■ 170.5520, 22.8989,
-18.0241

■ 95.4090, 59.9444,
-46.8397

■ 185.9350, 15.3150,
-12.2210

■ 80.6130, 67.2388,
-53.1576

■ 200.7310, 8.0206,
-5.9031

■ 66.4150, 74.2384,
-58.2460

■ 216.1140, 0.4368,
-0.1000

■ 231.1980, -6.9996,
5.0884

■ 244.7980,
-13.7044, 8.9472

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



114.7940, 48.9086, -100.6743



140.6720, 37.6297, -29.5303



147.8580, 25.7060, 15.0335

Triad

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



140.6720, 37.6297, -29.5303



143.6900, -23.0182, 56.3999



125.3010, -3.5994, -59.0230

Complementary

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



140.6720, 37.6297, -29.5303



183.3280, -37.6297, 29.5303

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.



134.7500, -24.5267, -19.9518



140.6720, 37.6297, -29.5303



142.0070, -34.0205, 38.5819

Square

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



140.6720, 37.6297, -29.5303



145.5500, -7.1731, 60.9077



139.2010, -35.1021, 12.1017



113.5790, 21.4066, -99.6088

Rectangle

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



140.6720, 37.6297, -29.5303



148.1830, 16.1788, 37.5505



139.2010, -35.1021, 12.1017



129.6250, -11.6471, -44.3981

Sweetspot

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



140.6720, 37.6297, -29.5303



228.3760, 13.1256, -9.9768



179.8920, 0.0532, -63.9263



111.7310, 8.0206, -5.9031



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.



140.6720, 37.6297, -29.5303



146.7210, 53.3815, -41.8513



124.9220, 45.3945, 0.0684



102.0150, 3.9366, -2.6442



53.1810, 59.0708, -46.6397



14.0490, 15.7518, -12.3210

Inverse Universe

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



143.9940, -0.4900, 64.0263



151.4580, -0.7188, 90.8063



199.0780, -45.3945, -0.0684



102.6310, -0.3111, 6.4626



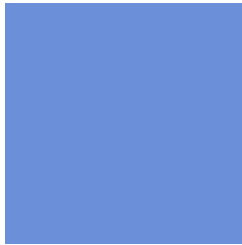
58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 140.6720, 37.6297, -29.5303 looks on a white background.

Color Contrast Check

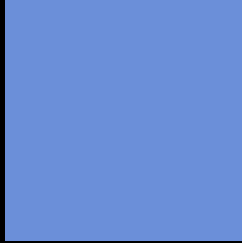
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.6720, 37.6297, -29.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

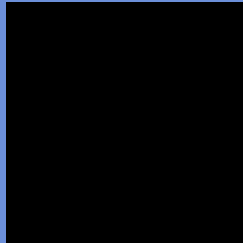
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.6720, 37.6297, -29.5303

Background



This preview shows how black text looks on a background with the YUV color 140.6720, 37.6297, -29.5303.



This preview shows how white text looks on a background with the YUV color 140.6720, 37.6297, -29.5303.

-29.5303.

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

140.6720, 37.6297, -29.5303

Protanopia

142.5590, 35.7134, -21.5382

Deuteranopia

140.9710, 37.4823, -28.9156



Tritanopia

135.6450, 14.9650, -40.0307

Trichromacy



Original Color

140.6720, 37.6297, -29.5303

Protanomaly

142.0640, 36.4504, -24.6121

Deuteranomaly

140.9710, 37.4823, -28.9156

Tritanomaly

137.2570, 23.5373, -36.1824

Monochromacy



Original Color

140.6720, 37.6297, -29.5303

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1910, 13.7098, -10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6720, 37.6297, -29.5303 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(107, 143, 217)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 217)  
}
```

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(107, 143, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 217) }
```

Border

The CSS property to change the border of an element to YUV 140.6720, 37.6297, -29.5303 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(107, 143, 217) }
```


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

```
.border{ border-color:rgb(107, 143, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 143, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 217);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 140.6720, 37.6297, -29.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 217) }
```

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

```
.background{ background-color: rgb(107,  
143, 217) }
```

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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