

Converting Colors

YUV(140.2160, 35.8825,
-29.1304)

Have a look what the booklet for
YUV(140.2160, 35.8825, -29.1304)
contains.

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Color

**YUV(140.2160, 35.8825,
-29.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8FD5
RGB	107, 143, 213
RGB Percent	42%, 56%, 84%
CMY	0.5804, 0.4392, 0.1647
CMYK	0.50, 0.33, 0.00, 0.16
HSL	220°, 56%, 63%
HSV	220°, 50%, 84%
XYZ	27.8961, 27.5748, 66.8030
YIQ	140.2160, -43.9260, 14.1380

Conversions

Conversions Part 2

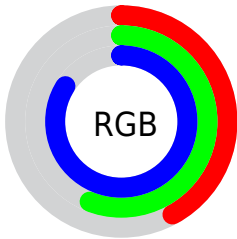
Format	Color
RYB	107, 134, 213
Decimal	7049173
CIELab	59.50, 6.84, -39.77
CIElCh	60, 40.352, 279.757
Yxy	27.5748, 0.2281, 0.2255
Android (android.graphics.Color)	4285239253 (0xFF6B8FD5)
YUV	140.2160, 35.8825, -29.1304
Hunter-Lab	52.5117, 2.9300, -38.6678

Details

The YUV color **140.2160, 35.8825, -29.1304** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **179.7840, -35.8825, 29.1304**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8590, 30.6355, -26.1863**, and **86.9550, 35.0252, -34.1635** is the 20% darker color. If you saturate the color by 10%, you get **125.7190, 43.0295, -34.8336**, and if you desaturate by 10%, it is **154.7130, 28.7355, -23.4273**.

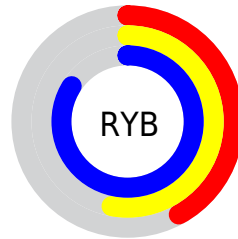
Distribution



Red (42%)

Green (56%)

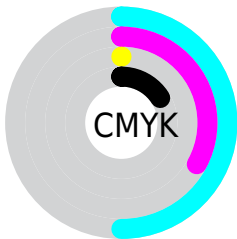
Blue (84%)



Red (42%)

Yellow (53%)

Blue (84%)

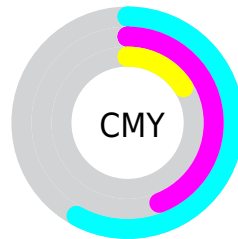


Cyan (50%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (58%)

Magenta (44%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2160, 35.8825, -29.1304 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 140.2160, 35.8825, -29.1304 by changing the saturation by 10% instead.

■ 140.2160, 35.8825,
-29.1304

■ 140.2160, 35.8825,
-29.1304

■ 255.0000, 0.0000,
0.0000

■ 113.9770, 35.0143,
-30.6748

■ 192.8590, 30.6355,
-26.1863

■ 86.9550, 35.0252,
-34.1635

■ 217.9660, 18.2578,
-22.7722

■ 57.3340, 36.8103,
-46.7739

■ 243.6600, 5.5906,
-19.8728

■ 40.2600, 32.4098,
-35.3080

■ 253.8040, 0.5896,
-2.4591

■ 25.6700, 27.2777,
-22.5126

■ 7.7860, 24.7555,
-6.8283

■ 5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 140.2160, 35.8825,
-29.1304

■ 140.2160, 35.8825,
-29.1304

■ 125.7190, 43.0295,
-34.8336

■ 154.7130, 28.7355,
-23.4273

■ 110.9230, 50.3240,
-41.1515

■ 169.5090, 21.4411,
-17.1094

■ 96.4260, 57.4710,
-46.8546

■ 184.0060, 14.2940,
-11.4063

■ 81.9290, 64.6180,
-52.5577

■ 198.5030, 7.1470,
-5.7031

■ 67.4320, 71.7650,
-58.2609

■ 213.0000, 0.0000,
0.0000

■ 66.5460, 72.2018,
-58.3608

■ 227.7960, -7.2944,
6.3179

■ 241.9940,
-14.2940, 11.4063

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



114.2240, 46.7246, -100.1744



140.2160, 35.8825, -29.1304



147.3200, 24.9852, 12.8744

Triad

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



140.2160, 35.8825, -29.1304



144.0210, -21.7024, 54.3556



127.4050, -4.6367, -52.9752

Complementary

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



140.2160, 35.8825, -29.1304



179.7840, -35.8825, 29.1304

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.



134.7010, -23.5166, -17.2778



140.2160, 35.8825, -29.1304



142.1640, -32.1259, 37.5672

Square

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



140.2160, 35.8825, -29.1304



145.1690, -5.9993, 57.7338



139.2550, -33.6497, 12.9314



112.6500, 20.3856, -98.7940

Rectangle

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



140.2160, 35.8825, -29.1304



147.4600, 16.0422, 34.6766



139.2550, -33.6497, 12.9314



130.2450, -11.9528, -39.6799

Sweetspot

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



140.2160, 35.8825, -29.1304



228.9630, 12.8362, -10.4916



177.0880, -0.5364, -61.4672



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.



140.2160, 35.8825, -29.1304



149.9660, 51.7818, -42.0662



123.8680, 43.9421, -0.7612



99.6020, 3.6472, -3.1590



53.5400, 57.9078, -46.9546



13.7070, 14.4414, -12.0210

Inverse Universe

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



142.7980, 0.0996, 61.5672



153.6750, 0.1602, 88.8620



196.1320, -43.9421, 0.7612



99.7450, 0.1257, 6.3626



57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 140.2160, 35.8825, -29.1304 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 140.2160, 35.8825, -29.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

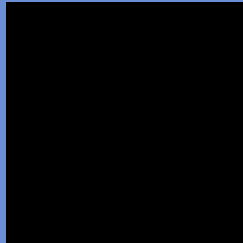
Any Text WCAG AA ✓ Pass

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 140.2160, 35.8825, -29.1304 Background



This preview shows how black text looks on a background with the YUV color 140.2160, 35.8825, -29.1304.



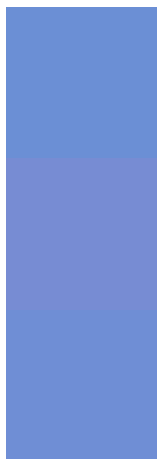
This preview shows how white text looks on a background with the YUV color 140.2160, 35.8825, -29.1304.

-29.1304.

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

140.2160, 35.8825, -29.1304

Protanopia

141.8150, 34.1082, -20.0088

Deuteranopia

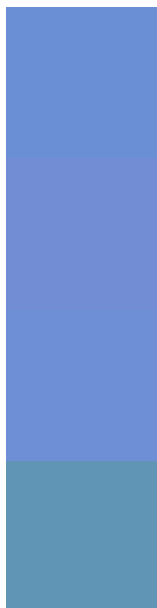
140.8250, 35.5823, -26.1565



Tritanopia

136.1290, 14.2334, -38.7011

Trichromacy



Original Color

140.2160, 35.8825, -29.1304

Protanomaly

141.3200, 34.8452, -23.0826

Deuteranomaly

140.5260, 35.7297, -26.7713

Tritanomaly

137.2140, 22.0795, -35.2677

Monochromacy



Original Color

140.2160, 35.8825, -29.1304

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0770, 13.2730, -10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2160, 35.8825, -29.1304 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 213) }
```

Border

The CSS property to change the border of an element to YUV 140.2160, 35.8825, -29.1304 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

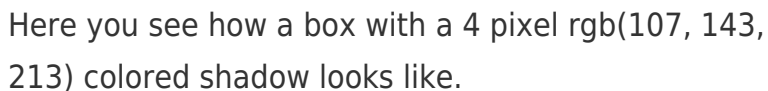
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 143, 213) }
```


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

```
.border{ border-color:rgb(107, 143, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 213);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 140.2160, 35.8825, -29.1304 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, 213) }
```

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

```
.background{ background-color: rgb(107,  
143, 213) }
```

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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