

Converting Colors

YUV(140.7400, 27.7362,
-29.5900)

Have a look what the booklet for
YUV(140.7400, 27.7362, -29.5900)
contains.

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Color

**YUV(140.7400, 27.7362,
-29.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	6B93C5
RGB	107, 147, 197
RGB Percent	42%, 58%, 77%
CMY	0.5804, 0.4235, 0.2275
CMYK	0.46, 0.25, 0.00, 0.23
HSL	213°, 44%, 60%
HSV	213°, 46%, 77%
XYZ	26.5752, 28.0245, 56.8319
YIQ	140.7400, -39.8900, 7.0700

Conversions

Conversions Part 2

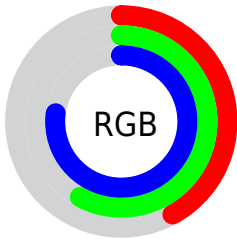
Format	Color
RYB	107, 135, 197
Decimal	7050181
CIELab	59.91, -0.25, -30.15
CIELCh	60, 30.151, 269.523
Yxy	28.0245, 0.2385, 0.2515
Android (android.graphics.Color)	4285240261 (0xFF6B93C5)
YUV	140.7400, 27.7362, -29.5900
Hunter-Lab	52.9381, -3.0340, -26.5943

Details

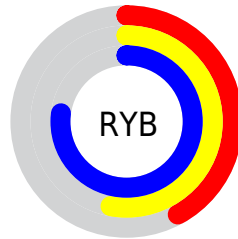
The YUV color **140.7400, 27.7362, -29.5900** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **163.2600, -27.7362, 29.5900**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3810, 28.8992, -29.2751**, and **88.7890, 26.7260, -32.2640** is the 20% darker color. If you saturate the color by 10%, you get **128.3030, 33.8676, -36.2227**, and if you desaturate by 10%, it is **153.1770, 21.6047, -22.9572**.

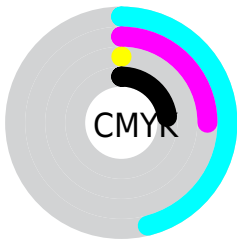
Distribution



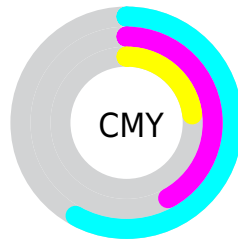
- Red (42%)
- Green (58%)
- Blue (77%)



- Red (42%)
- Yellow (53%)
- Blue (77%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7400, 27.7362, -29.5900 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 140.7400, 27.7362, -29.5900 by changing the saturation by 10% instead.

■ 140.7400, 27.7362,
-29.5900

■ 140.7400, 27.7362,
-29.5900

■ 255.0000, 0.0000,
0.0000

■ 114.3270, 27.4468,
-30.1048

■ 195.3810, 28.8992,
-29.2751

■ 88.7890, 26.7260,
-32.2640

■ 220.3030, 17.1056,
-26.5757

■ 61.8700, 27.1791,
-37.5970

■ 244.2360, 5.3067,
-22.1320

■ 40.4250, 25.4265,
-35.4527

■ 252.9070, 1.0318,
-4.3034

■ 25.3620, 21.0205,
-22.2425

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 140.7400, 27.7362,
-29.5900

■ 140.7400, 27.7362,
-29.5900

■ 128.3030, 33.8676,
-36.2227

■ 153.1770, 21.6047,
-22.9572

■ 116.1650, 39.8517,
-42.2407

■ 165.3150, 15.6207,
-16.9393

■ 103.7280, 45.9831,
-48.8735

■ 177.7520, 9.4893,
-10.3065

■ 91.2910, 52.1145,
-55.5062

■ 190.1890, 3.3578,
-3.6738

■ 78.8540, 58.2460,
-62.1390

■ 202.6260, -2.7736,
2.9590

■ 74.1140, 60.5828,
-64.9980

■ 214.7640, -8.7577,
8.9770

■ 227.2010,
-14.8891, 15.6097

■ 236.6480,
-19.5465, 16.0947

■ 243.1050,
-22.7298, 10.4319

Harmonies

Analogous

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



131.6780, 28.2597, -57.5996



140.7400, 27.7362, -29.5900



146.6190, 21.3868, 0.3341

Triad

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



140.7400, 27.7362, -29.5900



146.2460, -12.9393, 43.6343



136.0060, -9.3700, -28.0693

Complementary

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



140.7400, 27.7362, -29.5900



163.2600, -27.7362, 29.5900

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.



140.0600, -21.2286, -4.4376



140.7400, 27.7362, -29.5900



144.3730, -22.3689, 34.7529

Square

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



140.7400, 27.7362, -29.5900



147.4380, -0.7089, 40.8349



143.0520, -25.6616, 17.4944



130.8640, 5.9830, -52.5007

Rectangle

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



140.7400, 27.7362, -29.5900



147.8340, 15.3648, 18.5626



143.0520, -25.6616, 17.4944



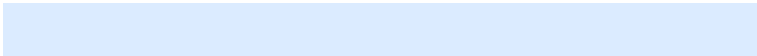
137.4970, -14.0490, -20.6069

Sweetspot

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



140.7400, 27.7362, -29.5900



232.4960, 11.0945, -11.8360



165.5300, -4.2053, -51.3308



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



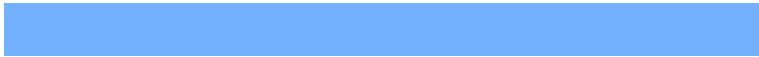
128.0000, 0.0000, 0.0000

Same Dimension

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



140.7400, 27.7362, -29.5900



167.3540, 43.2095, -45.9145



118.7550, 38.5748, -5.9241



93.3740, 2.7736, -2.9590



61.4330, 50.0725, -53.8767



13.4960, 11.0945, -11.8360

Inverse Universe

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



138.4700, 4.2053, 51.3308



163.9280, 6.4445, 79.8701



185.5440, -38.7222, 6.5389



93.1470, 0.4205, 5.1331



57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 140.7400, 27.7362, -29.5900 looks on a white background.

Color Contrast Check

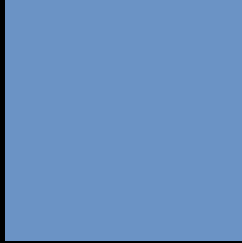
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7400, 27.7362, -29.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

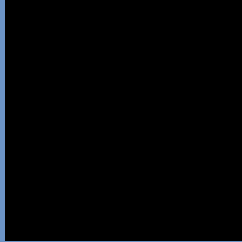
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

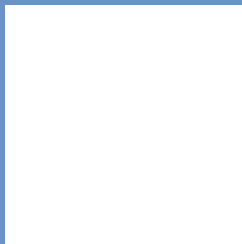
Any Text WCAG AAA × Fail

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

YUV 140.7400, 27.7362, -29.5900 Background



This preview shows how black text looks on a background with the YUV color 140.7400, 27.7362, -29.5900.



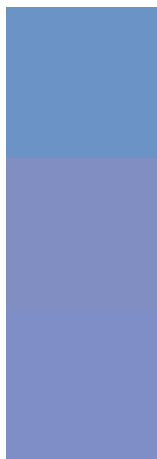
This preview shows how white text looks on a background with the YUV color 140.7400, 27.7362, -29.5900.

-29.5900.

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

140.7400, 27.7362, -29.5900

Protanopia

143.9270, 24.1930, -13.0910

Deuteranopia

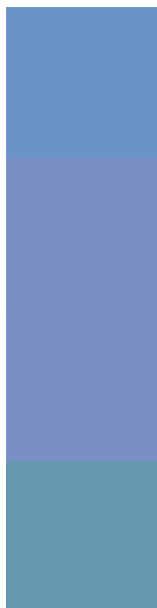
143.8990, 26.6718, -14.8204



Tritanopia

137.9230, 13.3490, -35.0125

Trichromacy



Original Color

140.7400, 27.7362, -29.5900

Protanomaly

142.8230, 25.2303, -19.1388

Deuteranomaly

142.9800, 27.1249, -20.1535

Tritanomaly

139.0140, 18.7271, -33.3383

Monochromacy



Original Color

140.7400, 27.7362, -29.5900

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7400, 27.7362, -29.5900 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, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(107, 147, 197)  
}
```

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, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 147, 197) }
```

Border

The CSS property to change the border of an element to YUV 140.7400, 27.7362, -29.5900 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, 147, 197) }
```


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

```
.border{ border-color:rgb(107, 147, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 147, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(107, 147,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 140.7400, 27.7362, -29.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 147, 197) }
```

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

```
.background{ background-color: rgb(107,  
147, 197) }
```

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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