

Converting Colors

YUV(140.1370, 29.0195,
-21.1681)

Have a look what the booklet for
YUV(140.1370, 29.0195, -21.1681)
contains.

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Color

**YUV(140.1370, 29.0195,
-21.1681)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 748DC7 |
| RGB | 116, 141, 199 |
| RGB Percent | 45%, 55%, 78% |
| CMY | 0.5451, 0.4471, 0.2196 |
| CMYK | 0.42, 0.29, 0.00, 0.22 |
| HSL | 222°, 43%, 62% |
| HSV | 222°, 42%, 78% |
| XYZ | 27.0361, 26.8863, 57.7974 |
| YIQ | 140.1370, -33.5180, 12.7380 |

Conversions

Conversions Part 2

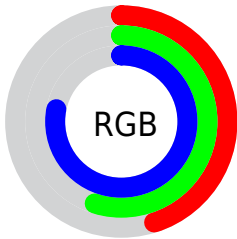
| Format | Color |
|-------------------------------------|---|
| RYB | 116, 135, 199 |
| Decimal | 7638471 |
| CIELab | 58.87, 6.12, -32.85 |
| CIElCh | 59, 33.418, 280.552 |
| Yxy | 26.8863, 0.2420, 0.2407 |
| Android (android.graphics.Color) | 4285828551 (0xFF748DC7) |
| YUV | 140.1370, 29.0195, -21.1681 |
| Hunter-Lab | 51.8520, 2.3307, -29.7919 |

Details

The YUV color **140.1370, 29.0195, -21.1681** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.8630, -29.0195, 21.1681**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0770, 30.0350, -20.2385**, and **88.4850, 27.8619, -23.2273** is the 20% darker color. If you saturate the color by 10%, you get **125.9390, 36.0191, -26.2565**, and if you desaturate by 10%, it is **154.3350, 22.0198, -16.0798**.

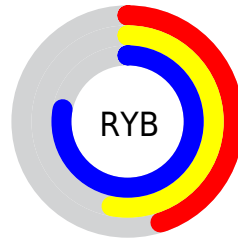
Distribution



Red (45%)

Green (55%)

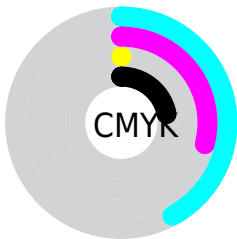
Blue (78%)



Red (45%)

Yellow (53%)

Blue (78%)

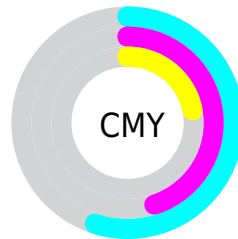


Cyan (42%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1370, 29.0195, -21.1681 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 140.1370, 29.0195, -21.1681 by changing the saturation by 10% instead.

■ 140.1370, 29.0195,
-21.1681

■ 140.1370, 29.0195,
-21.1681

255.0000, 0.0000,
0.0000

■ 114.3110, 28.4407,
-22.1977

■ 194.0770, 30.0350,
-20.2385

■ 88.4850, 27.8619,
-23.2273

■ 218.8850, 17.8047,
-17.4391

■ 63.6480, 27.2885,
-26.0013

■ 244.5790, 5.1376,
-14.5398

■ 37.7180, 27.7470,
-33.0787

■ 23.2420, 23.0517,
-20.3832

■ 7.1190, 19.6613,
-6.2434

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 140.1370, 29.0195,
-21.1681

■ 140.1370, 29.0195,
-21.1681

■ 125.9390, 36.0191,
-26.2565

■ 154.3350, 22.0198,
-16.0798

■ 111.7410, 43.0187,
-31.3449

■ 168.5330, 15.0202,
-10.9914

■ 97.5430, 50.0183,
-36.4332

■ 182.7310, 8.0206,
-5.9031

■ 83.3450, 57.0179,
-41.5216

■ 196.9290, 1.0210,
-0.8147

■ 69.1470, 64.0175,
-46.6099

■ 211.1270, -5.9786,
4.2736

■ 57.9060, 69.5593,
-50.7836

■ 224.4390,
-12.5414, 9.2620

■ 238.6370,
-19.5410, 14.3504

■ 246.8550,
-23.5925, 7.1432

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



129.5300, 32.7697, -57.4698



140.1370, 29.0195, -21.1681



144.7560, 20.3333, 11.6150

Triad

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



140.1370, 29.0195, -21.1681



142.7640, -18.6177, 44.9340



129.8840, -4.3798, -41.9943

Complementary

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



140.1370, 29.0195, -21.1681



174.8630, -29.0195, 21.1681

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.



135.1620, -19.3069, -14.1741



140.1370, 29.0195, -21.1681



140.9120, -26.5786, 31.6492

Square

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



140.1370, 29.0195, -21.1681



144.4020, -6.1142, 47.8824



138.5520, -27.3871, 10.9169



120.7350, 14.9206, -72.5586

Rectangle

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



140.1370, 29.0195, -21.1681



145.8030, 12.4221, 29.1138



138.5520, -27.3871, 10.9169



132.1580, -9.9379, -32.5876

Sweetspot

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



140.1370, 29.0195, -21.1681



231.6320, 11.5204, -8.4473



171.2190, 0.8780, -48.4271



112.9160, 7.4364, -5.1883



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.



140.1370, 29.0195, -21.1681



164.7840, 44.4765, -32.2596



129.9470, 34.0431, 0.9235



92.7870, 3.0630, -2.4442



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Inverse Universe

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



143.6670, -1.3148, 48.5270



170.3050, -2.1224, 74.2775



185.0530, -34.0431, -0.9235



93.0330, -0.0163, 5.2331



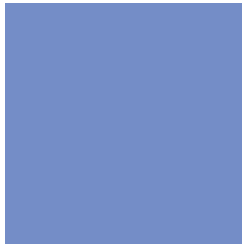
54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 140.1370, 29.0195, -21.1681 looks on a white background.

Color Contrast Check

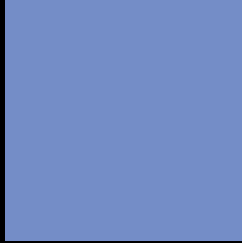
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.1370, 29.0195, -21.1681 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

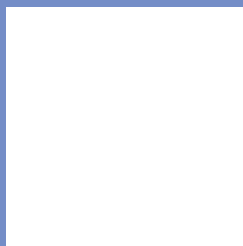
Any Text WCAG AAA × Fail

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

YUV 140.1370, 29.0195, -21.1681 Background



This preview shows how black text looks on a background with the YUV color 140.1370, 29.0195, -21.1681.



This preview shows how white text looks on a background with the YUV color 140.1370, 29.0195, -21.1681.

-21.1681.

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

140.1370, 29.0195, -21.1681

Protanopia

140.9420, 28.1296, -15.7351

Deuteranopia

141.0450, 28.5718, -17.5795



Tritanopia

136.8100, 11.4327, -27.0204

Trichromacy



Original Color

140.1370, 29.0195, -21.1681

Protanomaly

140.6320, 28.2824, -18.0943

Deuteranomaly

140.4470, 28.8666, -18.8090

Tritanomaly

137.8410, 17.8264, -24.4166

Monochromacy



Original Color

140.1370, 29.0195, -21.1681

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7030, 10.4994, -7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1370, 29.0195, -21.1681 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(116, 141, 199)` looks like.

```
.text, #text, p{  
    color:rgb(116, 141, 199)  
}
```

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(116, 141, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 141, 199) }
```

Border

The CSS property to change the border of an element to YUV 140.1370, 29.0195, -21.1681 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(116, 141, 199) }
```


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

```
.border{ border-color:rgb(116, 141, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 141, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 141, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 141, 199);  
box-shadow:4px 4px 4px 4px rgb(116, 141,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 140.1370, 29.0195, -21.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 141, 199) }
```

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

```
.background{ background-color: rgb(116,  
141, 199) }
```

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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