

Converting Colors

YUV(140.1880, 21.5993,
-21.2129)

Have a look what the booklet for
YUV(140.1880, 21.5993, -21.2129)
contains.

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Color

**YUV(140.1880, 21.5993,
-21.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	7490B8
RGB	116, 144, 184
RGB Percent	45%, 56%, 72%
CMY	0.5451, 0.4353, 0.2784
CMYK	0.37, 0.22, 0.00, 0.28
HSL	215°, 32%, 59%
HSV	215°, 37%, 72%
XYZ	25.8274, 27.1202, 49.2209
YIQ	140.1880, -29.5280, 6.5040

Conversions

Conversions Part 2

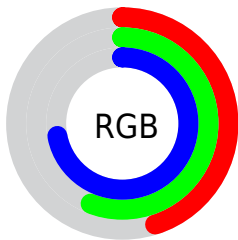
Format	Color
R_{YB}	116, 136, 184
Decimal	7639224
CIE _{Lab}	59.09, 0.21, -24.04
CIE _{LCh}	59, 24.038, 270.503
Yxy	27.1202, 0.2528, 0.2654
Android (android.graphics.Color)	4285829304 (0xFF7490B8)
YUV	140.1880, 21.5993, -21.2129
Hunter-Lab	52.0771, -2.6084, -19.5843

Details

The YUV color **140.1880, 21.5993, -21.2129** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **159.8120, -21.5993, 21.2129**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4160, 22.4729, -21.4128**, and **89.2480, 20.5837, -22.1425** is the 20% darker color. If you saturate the color by 10%, you get **128.3490, 27.4359, -26.6161**, and if you desaturate by 10%, it is **152.0270, 15.7627, -15.8097**.

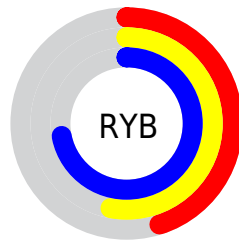
Distribution



Red (45%)

Green (56%)

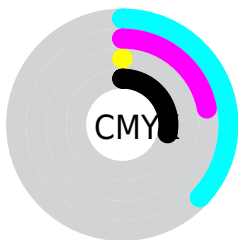
Blue (72%)



Red (45%)

Yellow (53%)

Blue (72%)

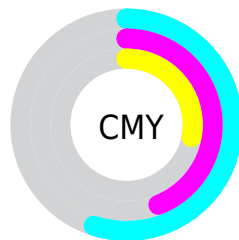


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1880, 21.5993, -21.2129 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 140.1880, 21.5993, -21.2129 by changing the saturation by 10% instead.

■ 140.1880, 21.5993,
-21.2129

■ 140.1880, 21.5993,
-21.2129

■ 255.0000, 0.0000,
0.0000

■ 114.0740, 21.1625,
-21.1129

■ 194.4160, 22.4729,
-21.4128

■ 89.2480, 20.5837,
-22.1425

■ 220.9340, 16.7945,
-20.1131

■ 64.5360, 20.4418,
-23.2721

■ 245.7420, 4.5642,
-17.3137

■ 39.5030, 20.4580,
-28.5051

■ 23.0480, 17.2313,
-20.2131

■ 5.2780, 15.1459,
-4.6288

■ 1.4820, 5.6784,

-1.2997

■ 0.0000, 0.0000,
0.0000

■ 140.1880, 21.5993,
-21.2129

■ 140.1880, 21.5993,
-21.2129

■ 128.3490, 27.4359,
-26.6161

■ 152.0270, 15.7627,
-15.8097

■ 116.2110, 33.4200,
-32.6340

■ 164.1650, 9.7787,
-9.7917

■ 104.9590, 38.9672,
-38.5520

■ 175.4170, 4.2314,
-3.8737

■ 92.8210, 44.9512,
-44.5700

■ 187.5550, -1.7526,
2.1443

■ 80.9820, 50.7879,
-49.9732

■ 199.3940, -7.5892,
7.5475

■ 69.1430, 56.6245,
-55.3764

■ 211.2330,
-13.4259, 12.9507

■ 65.5880, 58.3771,
-57.5207

■ 223.3710,
-19.4099, 18.9686

■ 232.8180,
-24.0673, 19.4536

■ 238.6880,
-26.9612, 14.3056

Harmonies

Analogous

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



134.9530, 21.2222, -40.3008



140.1880, 21.5993, -21.2129



144.3650, 16.5821, 1.4339

Triad

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



140.1880, 21.5993, -21.2129



144.0600, -10.8756, 35.0274



135.9080, -7.3496, -22.7213

Complementary

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



140.1880, 21.5993, -21.2129



159.8120, -21.5993, 21.2129

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.



138.3250, -16.4292, -3.7930



140.1880, 21.5993, -21.2129



143.0670, -18.2740, 28.0052

Square

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



140.1880, 21.5993, -21.2129



145.5680, -1.2660, 32.8279



141.1100, -20.2672, 13.9355



132.8980, 4.4873, -39.3755

Rectangle

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



140.1880, 21.5993, -21.2129



145.4870, 11.5919, 15.3589



141.1100, -20.2672, 13.9355



137.0290, -10.8603, -16.6884

Sweetspot

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



140.1880, 21.5993, -21.2129



222.5350, 8.6102, -8.3622



160.4760, -2.2067, -39.0055



109.9330, 4.9630, -5.2032



247.0000, 0.0000, 0.0000



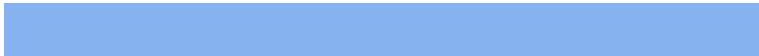
120.0000, 0.0000, 0.0000

Same Dimension

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



140.1880, 21.5993, -21.2129



171.9120, 33.5674, -33.2488



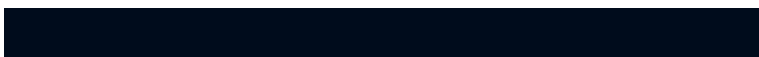
125.5460, 28.8178, -3.1098



85.7870, 3.0630, -2.4442



55.3520, 49.6195, -48.5437



10.2360, 8.7577, -8.9770

Inverse Universe

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



139.5240, 2.2067, 39.0055



170.7100, 3.5940, 60.7673



174.4540, -28.8178, 3.1098



86.0330, -0.0163, 5.2331



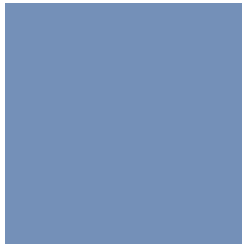
53.9400, 4.9596, 89.5066



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 140.1880, 21.5993, -21.2129 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 140.1880, 21.5993, -21.2129 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

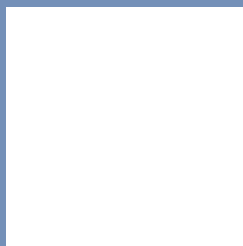
Any Text WCAG AAA × Fail

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

YUV 140.1880, 21.5993, -21.2129 Background



This preview shows how black text looks on a background with the YUV color 140.1880, 21.5993, -21.2129.



This preview shows how white text looks on a background with the YUV color 140.1880, 21.5993, -21.2129.

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

140.1880, 21.5993, -21.2129

Protanopia

141.9830, 19.2354, -9.6321

Deuteranopia

142.1510, 21.1246, -8.9024



Tritanopia

138.0060, 10.8430, -24.5613

Trichromacy



Original Color

140.1880, 21.5993, -21.2129

Protanomaly

141.1890, 20.1198, -13.3208

Deuteranomaly

141.5310, 21.4302, -13.6207

Tritanomaly

139.0430, 14.7688, -23.7167

Monochromacy



Original Color

140.1880, 21.5993, -21.2129

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7200, 8.0260, -7.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1880, 21.5993, -21.2129 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, 144, 184)` looks like.

```
.text, #text, p{  
    color:rgb(116, 144, 184)  
}
```

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, 144, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 144, 184) }
```

Border

The CSS property to change the border of an element to YUV 140.1880, 21.5993, -21.2129 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, 144, 184) }
```


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

```
.border{ border-color:rgb(116, 144, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 144, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 144, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 144, 184);  
box-shadow:4px 4px 4px 4px rgb(116, 144,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 140.1880, 21.5993, -21.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 144, 184) }
```

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

```
.background{ background-color: rgb(116,  
144, 184) }
```

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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