

Converting Colors

YUV(128.6350, 30.2529,
-43.5299)

Have a look what the booklet for
YUV(128.6350, 30.2529, -43.5299)
contains.

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Color

**YUV(128.6350, 30.2529,
-43.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8EBE
RGB	79, 142, 190
RGB Percent	31%, 56%, 75%
CMY	0.6902, 0.4431, 0.2549
CMYK	0.58, 0.25, 0.00, 0.25
HSL	206°, 46%, 53%
HSV	206°, 58%, 75%
XYZ	22.1917, 24.7260, 52.3182
YIQ	128.6350, -52.9560, 1.5720

Conversions

Conversions Part 2

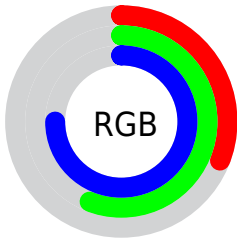
Format	Color
R _Y B	79, 119, 190
Decimal	5213886
CIE Lab	56.81, -5.94, -31.12
CIE LCh	57, 31.681, 259.192
Yxy	24.7260, 0.2236, 0.2492
Android (android.graphics.Color)	4283403966 (0xFF4F8EBE)
YUV	128.6350, 30.2529, -43.5299
Hunter-Lab	49.7252, -7.3569, -27.5741

Details

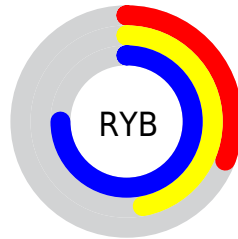
The YUV color **128.6350, 30.2529, -43.5299** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **140.3650, -30.2529, 43.5299**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8740, 31.1211, -41.9855**, and **69.5080, 32.7806, -60.9585** is the 20% darker color. If you saturate the color by 10%, you get **118.2580, 35.3688, -51.0923**, and if you desaturate by 10%, it is **139.0120, 25.1371, -35.9675**.

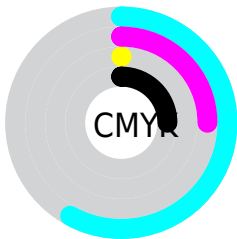
Distribution



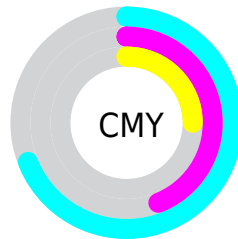
- Red (31%)
- Green (56%)
- Blue (75%)



- Red (31%)
- Yellow (47%)
- Blue (75%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6350, 30.2529, -43.5299 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 128.6350, 30.2529, -43.5299 by changing the saturation by 10% instead.

■ 128.6350, 30.2529,
-43.5299

■ 128.6350, 30.2529,
-43.5299

■ 255.0000, 0.0000,
0.0000

■ 101.6130, 30.2638,
-47.0186

■ 183.8740, 31.1211,
-41.9855

■ 69.5080, 32.7806,
-60.9585

■ 209.3060, 22.5271,
-38.8564

■ 53.1570, 28.5166,
-46.6187

■ 235.0000, 9.8600,
-35.9570

■ 37.3930, 23.9633,
-32.7937

■ 245.4320, 4.7170,
-19.6729

■ 22.4440, 19.9941,
-19.6834

■ 254.4020, 0.2948,
-1.2296

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 128.6350, 30.2529,
-43.5299

■ 128.6350, 30.2529,
-43.5299

■ 118.2580, 35.3688,
-51.0923

■ 139.0120, 25.1371,
-35.9675

■ 107.8810, 40.4847,
-58.6546

■ 149.3890, 20.0212,
-28.4052

■ 96.9170, 45.8899,
-65.7022

■ 160.3530, 14.6160,
-21.3576

■ 86.5400, 51.0058,
-73.2646

■ 170.7300, 9.5001,
-13.7952

■ 85.0560, 51.7374,
-74.5941

■ 181.1070, 4.3842,
-6.2328

■ 191.4840, -0.7316,
1.3295

■ 202.4480, -6.1369,
8.3771

■ 212.8250,
-11.2527, 15.9395

■ 223.2020,
-16.3686, 23.5018

Harmonies

Analogous

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



116.3230, 29.9138, -74.8283



128.6350, 30.2529, -43.5299



136.8780, 25.2031, -10.4170

Triad

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



128.6350, 30.2529, -43.5299



138.5820, -9.1609, 45.0936



128.9700, -14.7752, -21.0217

Complementary

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



128.6350, 30.2529, -43.5299



140.3650, -30.2529, 43.5299

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.



132.6050, -24.4553, 3.8544



128.6350, 30.2529, -43.5299



137.2750, -20.3486, 40.1008

Square

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



128.6350, 30.2529, -43.5299



139.8660, 3.5171, 38.7055



134.9820, -26.1201, 24.5718



123.2300, 0.8726, -46.6827

Rectangle

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



128.6350, 30.2529, -43.5299



139.5170, 19.4651, 10.0706



134.9820, -26.1201, 24.5718



130.4010, -18.4387, -12.6297

Sweetspot

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



128.6350, 30.2529, -43.5299



222.6910, 11.9843, -17.2690



149.4010, -12.0297, -61.7417



109.5840, 7.6001, -11.0362



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



128.6350, 30.2529, -43.5299



151.2480, 47.2057, -67.7465



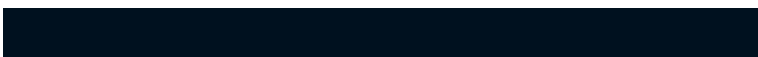
96.9370, 45.8801, -15.7307



88.9610, 2.4842, -3.4738



70.8420, 42.9689, -62.1284



13.5130, 8.6211, -11.8509

Inverse Universe

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



119.3710, 11.1561, 61.9416



136.8990, 17.3048, 96.5586



172.0630, -45.8801, 15.7307



88.2610, 0.8573, 5.0331



57.5020, 16.0215, 88.1367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 128.6350, 30.2529, -43.5299 looks on a white background.

Color Contrast Check

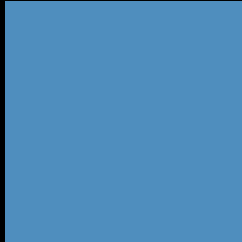
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6350, 30.2529, -43.5299 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 128.6350, 30.2529, -43.5299

Background



This preview shows how black text looks on a background with the YUV color 128.6350, 30.2529, -43.5299.

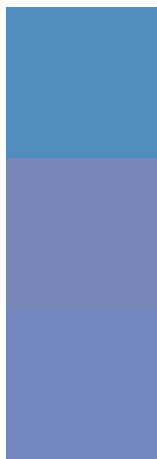


This preview shows how white text looks on a background with the YUV color 128.6350, 30.2529, -43.5299.

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

128.6350, 30.2529, -43.5299

Protanopia

135.8130, 23.7562, -12.9910

Deuteranopia

134.9310, 28.1350, -17.4795



Tritanopia

124.8500, 17.3290, -51.6114

Trichromacy



Original Color

128.6350, 30.2529, -43.5299

Protanomaly

133.3170, 25.9727, -23.9570

Deuteranomaly

132.6910, 28.7463, -26.9160

Tritanomaly

126.4250, 21.9755, -48.6077

Monochromacy



Original Color

128.6350, 30.2529, -43.5299

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0610, 10.8159, -15.8395

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6350, 30.2529, -43.5299 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(79, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(79, 142, 190)  
}
```

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(79, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 142, 190) }
```

Border

The CSS property to change the border of an element to YUV 128.6350, 30.2529, -43.5299 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(79, 142, 190) }
```


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

```
.border{ border-color:rgb(79, 142, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 142, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(79, 142,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 128.6350, 30.2529, -43.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 142, 190) }
```

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

```
.background{ background-color: rgb(79, 142,  
190) }
```

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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