

Converting Colors

YUV(128.0060, 51.2690,
-17.5453)

Have a look what the booklet for
YUV(128.0060, 51.2690, -17.5453)
contains.

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Color

**YUV(128.0060, 51.2690,
-17.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	6C76E8
RGB	108, 118, 232
RGB Percent	42%, 46%, 91%
CMY	0.5765, 0.5373, 0.0902
CMYK	0.53, 0.49, 0.00, 0.09
HSL	235°, 73%, 67%
HSV	235°, 53%, 91%
XYZ	27.2283, 21.9712, 79.1497
YIQ	128.0060, -42.5540, 33.3340

Conversions

Conversions Part 2

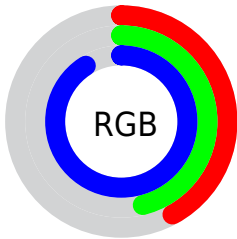
Format	Color
RYB	108, 117, 232
Decimal	7108328
CIELab	54.00, 27.90, -59.15
CIELCh	54, 65.395, 295.253
Yxy	21.9712, 0.2121, 0.1712
Android (android.graphics.Color)	4285298408 (0xFF6C76E8)
YUV	128.0060, 51.2690, -17.5453
Hunter-Lab	46.8735, 21.6601, -67.3047

Details

The YUV color **128.0060, 51.2690, -17.5453** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **211.9940, -51.2690, 17.5453**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7930, 37.5701, -10.3425**, and **74.0110, 50.2806, -27.1966** is the 20% darker color. If you saturate the color by 10%, you get **108.8020, 60.7366, -20.8744**, and if you desaturate by 10%, it is **147.2100, 41.8015, -14.2162**.

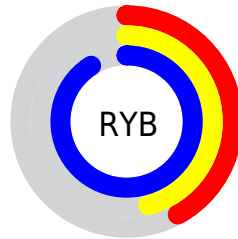
Distribution



Red (42%)

Green (46%)

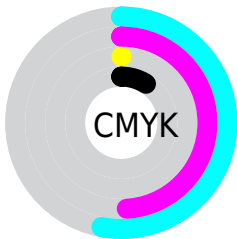
Blue (91%)



Red (42%)

Yellow (46%)

Blue (91%)

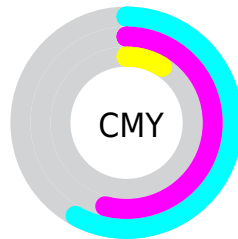


Cyan (53%)

Magenta (49%)

Yellow (0%)

Black (9%)



Cyan (58%)

Magenta (54%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0060, 51.2690, -17.5453 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 128.0060, 51.2690, -17.5453 by changing the saturation by 10% instead.

■ 128.0060, 51.2690,
-17.5453

■ 128.0060, 51.2690,
-17.5453

255.0000, 0.0000,
0.0000

■ 100.7560, 50.4063,
-20.8340

■ 178.7930, 37.5701,
-10.3425

■ 74.0110, 50.2806,
-27.1966

■ 203.3130, 25.4817,
-6.4135

■ 45.0480, 50.7553,
-39.5071

■ 228.7190, 12.9565,
-2.3846

■ 30.3440, 45.1864,
-26.6117

254.4130, 0.2894,
0.5148

■ 15.0530, 39.9069,
-13.2015

■ 12.3170, 29.4237,
-10.8020

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 128.0060, 51.2690,
-17.5453

■ 128.0060, 51.2690,
-17.5453

■ 108.8020, 60.7366,
-20.8744

■ 147.2100, 41.8015,
-14.2162

■ 89.0110, 70.4936,
-23.6886

■ 167.0010, 32.0445,
-11.4019

■ 69.5080, 80.1086,
-27.6325

■ 186.5040, 22.4295,
-7.4580

■ 50.3040, 89.5761,
-30.9616

■ 205.7080, 12.9620,
-4.1289

■ 37.6010, 95.8387,
-32.9761

■ 225.4990, 3.2050,
-1.3146

■ 244.7030, -6.2626,
2.0145

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



109.1810, 65.4798, -95.7517



128.0060, 51.2690, -17.5453



131.7450, 30.6917, 49.3356

Triad

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



128.0060, 51.2690, -17.5453



123.4580, -44.5958, 70.6353



103.8500, 6.9760, -91.0764

Complementary

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



128.0060, 51.2690, -17.5453



211.9940, -51.2690, 17.5453

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.



94.8900, -17.2008, -83.2185



128.0060, 51.2690, -17.5453



120.9380, -59.6224, 36.8884

Square

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



128.0060, 51.2690, -17.5453



121.5880, -18.0379, 92.4463



114.7710, -56.5821, -5.0612



111.0490, 32.0208, -97.3900

Rectangle

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



128.0060, 51.2690, -17.5453



126.1480, 16.1960, 78.8002



114.7710, -56.5821, -5.0612



100.9830, -1.4706, -88.5621

Sweetspot

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



128.0060, 51.2690, -17.5453



220.4350, 17.0405, -5.6435



193.7840, 13.9105, -75.2326



107.0240, 10.3412, -3.5290



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.



128.0060, 51.2690, -17.5453



118.2130, 67.4360, -22.9888



137.6840, 46.4978, 19.5711



104.9550, 4.9522, -1.7145



28.6240, 74.1354, -25.1032



8.1620, 21.1191, -7.1581

Inverse Universe

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



146.2160, -13.9105, 75.2326



142.2190, -18.3490, 98.9089



202.3160, -46.4978, -19.5711



106.7020, -1.3321, 7.2773



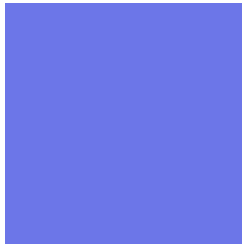
55.1170, -20.2707, 108.6454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 128.0060, 51.2690, -17.5453 looks on a white background.

Color Contrast Check

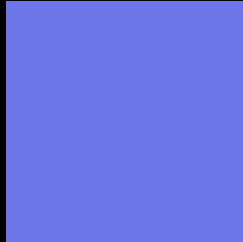
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.0060, 51.2690, -17.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

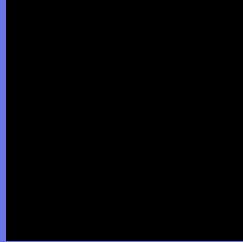
Any Text WCAG AA ✓ Pass

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 128.0060, 51.2690, -17.5453 Background



This preview shows how black text looks on a background with the YUV color 128.0060, 51.2690, -17.5453.



This preview shows how white text looks on a background with the YUV color 128.0060, 51.2690, -17.5453.

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

128.0060, 51.2690, -17.5453

Protanopia

121.2520, 58.0498, -45.8250

Deuteranopia

113.1690, 57.1047, -69.4312



Tritanopia

121.6130, 13.5018, -37.3716

Trichromacy



Original Color

128.0060, 51.2690, -17.5453

Protanomaly

123.3350, 55.5438, -35.3738

Deuteranomaly

118.4210, 55.0084, -50.3582

Tritanomaly

124.2130, 27.0100, -30.0048

Monochromacy



Original Color

128.0060, 51.2690, -17.5453

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8910, 18.7877, -6.0434

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0060, 51.2690, -17.5453 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(108, 118, 232)` looks like.

```
.text, #text, p{  
    color:rgb(108, 118, 232)  
}
```

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(108, 118, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 118, 232) }
```

Border

The CSS property to change the border of an element to YUV 128.0060, 51.2690, -17.5453 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(108, 118, 232) }
```


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

```
.border{ border-color:rgb(108, 118, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 118, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 118, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 118, 232); box-shadow:4px 4px 4px 4px rgb(108, 118, 232) }
```

Background

The CSS property to change the background color of an element to YUV 128.0060, 51.2690, -17.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 118, 232) }
```

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

```
.background{ background-color: rgb(108,  
118, 232) }
```

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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