

Converting Colors

YUV(128.6190, 54.9108,
-18.9599)

Have a look what the booklet for
YUV(128.6190, 54.9108, -18.9599)
contains.

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Color

**YUV(128.6190, 54.9108,
-18.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	6B76F0
RGB	107, 118, 240
RGB Percent	42%, 46%, 94%
CMY	0.5804, 0.5373, 0.0588
CMYK	0.55, 0.51, 0.00, 0.06
HSL	235°, 82%, 68%
HSV	235°, 55%, 94%
XYZ	28.2700, 22.3739, 85.2667
YIQ	128.6190, -45.7180, 35.6100

Conversions

Conversions Part 2

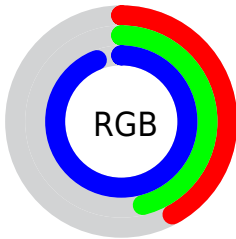
Format	Color
R _Y B	107, 117, 240
Decimal	7042800
CIE Lab	54.42, 30.22, -62.93
CIE LCh	54, 69.810, 295.649
Yxy	22.3739, 0.2080, 0.1646
Android (android.graphics.Color)	4285232880 (0xFF6B76F0)
YUV	128.6190, 54.9108, -18.9599
Hunter-Lab	47.3011, 23.9055, -73.7676

Details

The YUV color $128.6190, 54.9108, -18.9599$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $218.3810, -54.9108, 18.9599$, 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 $73.3140, 54.0752, -30.9704$ is the 20% darker color. If you saturate the color by 10%, you get $108.5290, 64.8152, -22.3889$, and if you desaturate by 10%, it is $148.7090, 45.0065, -15.5308$.

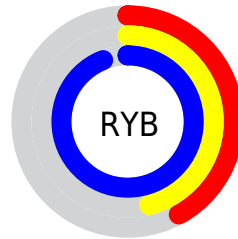
Distribution



Red (42%)

Green (46%)

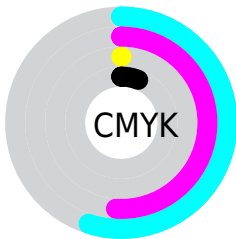
Blue (94%)



Red (42%)

Yellow (46%)

Blue (94%)

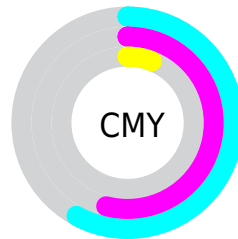


Cyan (55%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (58%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6190, 54.9108, -18.9599 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 128.6190, 54.9108, -18.9599 by changing the saturation by 10% instead.

■ 128.6190, 54.9108,
-18.9599

■ 128.6190, 54.9108,
-18.9599

255.0000, 0.0000,
0.0000

■ 101.0700, 54.1955,
-22.8634

■ 178.7930, 37.5701,
-10.3425

■ 73.3140, 54.0752,
-30.9704

■ 203.6120, 25.3343,
-5.7987

■ 45.9600, 54.2497,
-40.3069

■ 229.0180, 12.8091,
-1.7698

■ 31.1420, 48.2440,
-27.3115

254.4130, 0.2894,
0.5148

■ 16.4380, 42.6751,
-14.4161

■ 11.8270, 32.6233,
-10.3723

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 128.6190, 54.9108,
-18.9599

■ 128.6190, 54.9108,
-18.9599

■ 108.5290, 64.8152,
-22.3889

■ 148.7090, 45.0065,
-15.5308

■ 88.4390, 74.7196,
-25.8180

■ 168.7990, 35.1021,
-12.1017

■ 68.3490, 84.6239,
-29.2471

■ 188.8890, 25.1977,
-8.6727

■ 48.2590, 94.5283,
-32.6761

■ 208.9790, 15.2934,
-5.2436

■ 39.1000, 99.0437,
-34.2907

■ 229.0690, 5.3890,
-1.8145

■ 249.1590, -4.5154,
1.6146

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



110.7940, 69.1216, -97.1663



128.6190, 54.9108, -18.9599



131.4620, 33.2962, 53.9688

Triad

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



128.6190, 54.9108, -18.9599



122.9270, -49.2640, 74.6090



105.1380, 6.8340, -92.2060

Complementary

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



128.6190, 54.9108, -18.9599



218.3810, -54.9108, 18.9599

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.



95.6080, -19.5267, -83.8482



128.6190, 54.9108, -18.9599



122.4110, -60.3486, 36.4736

Square

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



128.6190, 54.9108, -18.9599



120.1050, -18.7858, 99.0089



115.3470, -56.8661, -7.3203



112.7930, 33.6261, -98.9195

Rectangle

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



128.6190, 54.9108, -18.9599



125.0610, 18.2109, 85.8925



115.3470, -56.8661, -7.3203



102.1570, -2.0494, -89.5917

Sweetspot

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



128.6190, 54.9108, -18.9599



218.6630, 17.9141, -5.8435



198.9790, 14.8004, -80.6656



106.1380, 10.7780, -3.6290



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.



128.6190, 54.9108, -18.9599



111.7120, 70.6410, -24.3034



138.6070, 49.9867, 20.5157



109.9550, 4.9522, -1.7145



29.7810, 76.0300, -26.1179



9.3190, 23.0137, -8.1728

Inverse Universe

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



148.0210, -14.8004, 80.6656



136.7250, -19.0914, 103.7272



208.3930, -49.9867, -20.5157



111.7020, -1.3321, 7.2773



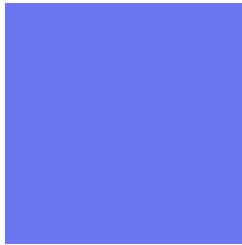
56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 128.6190, 54.9108, -18.9599 looks on a white background.

Color Contrast Check

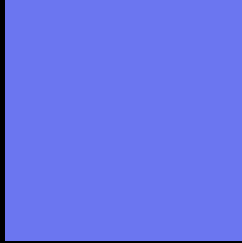
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6190, 54.9108, -18.9599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

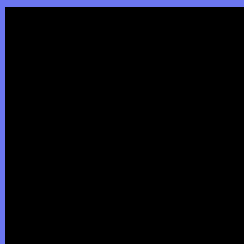
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.6190, 54.9108, -18.9599

Background



This preview shows how black text looks on a background with the YUV color 128.6190, 54.9108, -18.9599.



This preview shows how white text looks on a background with the YUV color 128.6190, 54.9108, -18.9599.

-18.9599.

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

128.6190, 54.9108, -18.9599

Protanopia

120.1740, 63.0182, -52.7726

Deuteranopia

104.1600, 64.0111, -91.3483



Tritanopia

121.5200, 14.5336, -41.6750

Trichromacy



Original Color

128.6190, 54.9108, -18.9599

Protanomaly

123.1540, 60.0701, -40.4771

Deuteranomaly

113.1140, 60.5828, -64.9980

Tritanomaly

124.0600, 29.0574, -33.3786

Monochromacy



Original Color

128.6190, 54.9108, -18.9599

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8200, 19.8087, -6.8581

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6190, 54.9108, -18.9599 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, 118, 240)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 240)  
}
```

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, 118, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 240) }
```

Border

The CSS property to change the border of an element to YUV 128.6190, 54.9108, -18.9599 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, 118, 240) }
```


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

```
.border{ border-color:rgb(107, 118, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 118, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 118, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 118, 240); box-shadow:4px 4px 4px 4px rgb(107, 118, 240) }
```

Background

The CSS property to change the background color of an element to YUV 128.6190, 54.9108, -18.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 240) }
```

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

```
.background{ background-color: rgb(107,  
118, 240) }
```

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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