

Converting Colors

YUV(128.9460, 62.1446,
-52.5726)

Have a look what the booklet for
YUV(128.9460, 62.1446, -52.5726)
contains.

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Color

**YUV(128.9460, 62.1446,
-52.5726)**

Conversions

Conversions Part 1

Format	Color
Hex	4587FF
RGB	69, 135, 255
RGB Percent	27%, 53%, 100%
CMY	0.7294, 0.4706, 0.0000
CMYK	0.73, 0.47, 0.00, 0.00
HSL	219°, 100%, 64%
HSV	219°, 73%, 100%
XYZ	29.1682, 25.8132, 98.0528
YIQ	128.9460, -77.8560, 23.3280

Conversions

Conversions Part 2

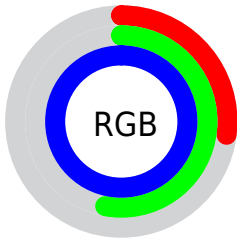
Format	Color
R _{YB}	69, 118, 255
Decimal	4556799
CIE _{Lab}	57.86, 18.90, -65.79
CIE _{LCh}	58, 68.453, 286.026
Yxy	25.8132, 0.1906, 0.1687
Android (android.graphics.Color)	4282746879 (0xFF4587FF)
YUV	128.9460, 62.1446, -52.5726
Hunter-Lab	50.8066, 13.5656, -78.8604

Details

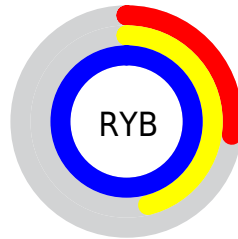
The YUV color **128.9460, 62.1446, -52.5726** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **195.0540, -62.1446, 52.5726**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9870, 36.4884, -36.8226**, and **72.9400, 61.1616, -63.9684** is the 20% darker color. If you saturate the color by 10%, you get **111.7800, 70.6075, -60.3201**, and if you desaturate by 10%, it is **145.8130, 53.8292, -45.4400**.

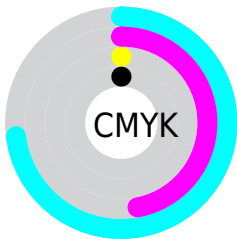
Distribution



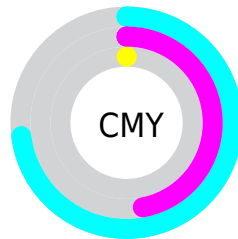
- Red (27%)
- Green (53%)
- Blue (100%)



- Red (27%)
- Yellow (46%)
- Blue (100%)



- Cyan (73%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9460, 62.1446, -52.5726 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 128.9460, 62.1446, -52.5726 by changing the saturation by 10% instead.

■ 128.9460, 62.1446,
-52.5726

■ 128.9460, 62.1446,
-52.5726

255.0000, 0.0000,
0.0000

■ 91.8290, 66.1463,
-76.1490

■ 180.9870, 36.4884,
-36.8226

■ 72.9400, 61.1616,
-63.9684

■ 206.1050, 24.1052,
-31.6641

■ 56.9480, 55.7346,
-49.9434

■ 231.8100, 11.4327,
-27.0204

■ 41.4290, 49.5815,
-36.3332

■ 248.4220, 3.2430,
-13.5251

■ 27.8990, 43.4338,
-24.4674

■ 13.8960, 38.0123,
-12.1868

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 128.9460, 62.1446,
-52.5726

■ 128.9460, 62.1446,
-52.5726

■ 111.7800, 70.6075,
-60.3201

■ 145.8130, 53.8292,
-45.4400

■ 94.3260, 79.2123,
-66.9379

■ 163.5660, 45.0770,
-38.2074

■ 81.9000, 85.3383,
-71.8263

■ 180.7320, 36.6141,
-30.4600

■ 198.1860, 28.0093,
-23.8421

■ 215.0530, 19.6939,
-16.7095

■ 232.8060, 10.9416,
-9.4769

■ 249.6730, 2.6262,
-2.3442

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



119.4680, 66.8173, -104.7734



128.9460, 62.1446, -52.5726



142.3500, 39.7605, 33.8961

Triad

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



128.9460, 62.1446, -52.5726



132.4410, -38.6714, 83.8052



109.1670, -0.5753, -95.7395

Complementary

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



128.9460, 62.1446, -52.5726



195.0540, -62.1446, 52.5726

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.



116.6420, -34.3335, -47.9210



128.9460, 62.1446, -52.5726



130.7720, -64.4706, 51.9430

Square

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



128.9460, 62.1446, -52.5726



130.9940, -10.3500, 99.9833



126.6650, -62.4458, 9.0638



116.8220, 26.2168, -102.4529

Rectangle

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



128.9460, 62.1446, -52.5726



138.6830, 24.8063, 70.4380



126.6650, -62.4458, 9.0638



105.5990, -9.1693, -92.6103

Sweetspot

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



128.9460, 62.1446, -52.5726



217.1240, 18.6729, -15.8947



191.6340, -2.2846, -107.5500



104.9200, 11.3784, -9.5768



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.



128.9460, 62.1446, -52.5726



102.9090, 74.9809, -63.0642



97.6790, 77.5593, -3.2265



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

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



132.1380, 1.4110, 107.7500



106.9820, 1.4879, 129.8118



226.3210, -77.5593, 3.2265



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 128.9460, 62.1446, -52.5726 looks on a white background.

Color Contrast Check

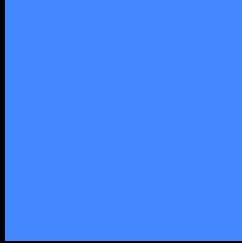
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9460, 62.1446, -52.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

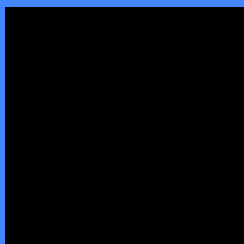
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

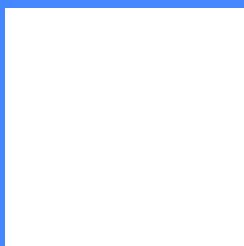
Any Text WCAG AAA × Fail

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

YUV 128.9460, 62.1446, -52.5726 Background



This preview shows how black text looks on a background with the YUV color 128.9460, 62.1446, -52.5726.



This preview shows how white text looks on a background with the YUV color 128.9460, 62.1446, -52.5726.

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

128.9460, 62.1446, -52.5726

Protanopia

130.6370, 60.8180, -47.0396

Deuteranopia

111.0390, 67.5218, -97.3812



Tritanopia

108.6210, 27.7948, -95.2606

Trichromacy



Original Color

128.9460, 62.1446, -52.5726

Protanomaly

129.7400, 61.2602, -48.8840

Deuteranomaly

117.6820, 65.7258, -81.2821

Tritanomaly

115.7490, 40.5497, -79.5869

Monochromacy



Original Color

128.9460, 62.1446, -52.5726

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8400, 22.7569, -19.1537

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9460, 62.1446, -52.5726 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(69, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 135, 255)  
}
```

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(69, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 135, 255) }
```

Border

The CSS property to change the border of an element to YUV 128.9460, 62.1446, -52.5726 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(69, 135, 255) }
```


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

```
.border{ border-color:rgb(69, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 135,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 128.9460, 62.1446, -52.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 135, 255) }
```

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

```
.background{ background-color: rgb(69, 135,  
255) }
```

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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