

Converting Colors

YUV(128.5460, 62.3418,
-22.4038)

Have a look what the booklet for
YUV(128.5460, 62.3418, -22.4038)
contains.

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Color

**YUV(128.5460, 62.3418,
-22.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	6775FF
RGB	103, 117, 255
RGB Percent	40%, 46%, 100%
CMY	0.5961, 0.5412, 0.0000
CMYK	0.60, 0.54, 0.00, 0.00
HSL	234°, 100%, 70%
HSV	234°, 60%, 100%
XYZ	30.0048, 22.8261, 97.4322
YIQ	128.5460, -52.6420, 39.9500

Conversions

Conversions Part 2

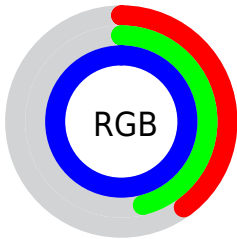
Format	Color
R _Y B	103, 116, 255
Decimal	6780415
CIE Lab	54.89, 34.88, -70.50
CIE LCh	55, 78.655, 296.323
Yxy	22.8261, 0.1997, 0.1519
Android (android.graphics.Color)	4284970495 (0xFF6775FF)
YUV	128.5460, 62.3418, -22.4038
Hunter-Lab	47.7767, 28.4926, -87.4678

Details

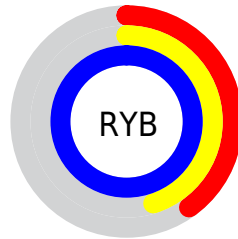
The YUV color **128.5460, 62.3418, -22.4038** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **229.4540, -62.3418, 22.4038**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6080, 38.1543, -11.0572**, and **68.3430, 63.4279, -44.1508** is the 20% darker color. If you saturate the color by 10%, you get **107.5700, 72.6830, -25.9329**, and if you desaturate by 10%, it is **149.8210, 51.8532, -18.2600**.

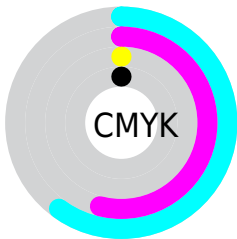
Distribution



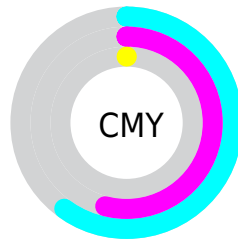
- Red (40%)
- Green (46%)
- Blue (100%)



- Red (40%)
- Yellow (45%)
- Blue (100%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5460, 62.3418, -22.4038 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 128.5460, 62.3418, -22.4038 by changing the saturation by 10% instead.

■ 128.5460, 62.3418,
-22.4038

■ 128.5460, 62.3418,
-22.4038

255.0000, 0.0000,
0.0000

■ 100.3990, 61.9213,
-27.5369

■ 177.6080, 38.1543,
-11.0572

■ 68.3430, 63.4279,
-44.1508

■ 202.7260, 25.7711,
-5.8987

■ 46.8550, 60.2175,
-41.0918

■ 228.4310, 13.0985,
-1.2550

■ 32.0370, 54.2118,
-28.0964

253.8260, 0.5788,
1.0296

■ 18.5070, 48.0640,
-16.2306

■ 12.0210, 38.4436,
-10.5424

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 128.5460, 62.3418,
-22.4038

■ 128.5460, 62.3418,
-22.4038

■ 107.5700, 72.6830,
-25.9329

■ 149.8210, 51.8532,
-18.2600

■ 86.2950, 83.1716,
-30.0767

■ 170.7970, 41.5121,
-14.7310

■ 65.0200, 93.6601,
-34.2205

■ 191.7730, 31.1709,
-11.2019

■ 43.4570, 104.2907,
-37.2348

■ 213.6350, 20.3929,
-7.5729

■ 42.5710, 104.7275,
-37.3348

■ 234.9100, 9.9044,
-3.4291

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.



113.0110, 70.0006, -99.1106



128.5460, 62.3418, -22.4038



130.7820, 38.0685, 63.3352

Triad

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



128.5460, 62.3418, -22.4038



120.3490, -59.3321, 83.8859



107.7140, 6.5500, -94.4652

Complementary

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



128.5460, 62.3418, -22.4038



229.4540, -62.3418, 22.4038

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.



96.4570, -23.8893, -84.5928



128.5460, 62.3418, -22.4038



123.5960, -60.9328, 37.1883

Square

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



128.5460, 62.3418, -22.4038



114.7910, -19.1240, 114.1933



115.0150, -56.7024, -13.1682



116.1670, 36.3997, -101.8785

Rectangle

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



128.5460, 62.3418, -22.4038



119.1260, 23.1089, 101.6215



115.0150, -56.7024, -13.1682



104.3910, -3.6438, -91.5509

Sweetspot

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



128.5460, 62.3418, -22.4038



216.5920, 18.9351, -6.6582



207.8420, 15.8539, -91.9464



104.0670, 11.7990, -4.4438



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.



128.5460, 62.3418, -22.4038



101.9550, 75.4512, -27.1475



138.5670, 57.4015, 22.3047



117.0690, 5.3890, -1.8145



32.3400, 78.2194, -28.3622



10.8180, 26.2187, -9.4874

Inverse Universe

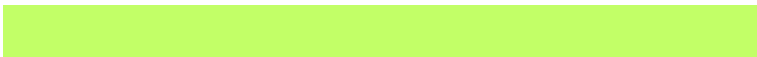
The Inverse Universe completely reimagines the original color for something new.



150.0440, -16.2907, 92.0464



127.9540, -19.6973, 111.4193



219.4330, -57.4015, -22.3047



119.0010, -1.4795, 7.8921



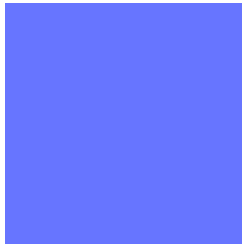
59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 128.5460, 62.3418, -22.4038 looks on a white background.

Color Contrast Check

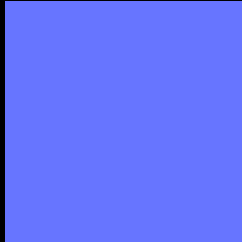
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5460, 62.3418, -22.4038 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 128.5460, 62.3418, -22.4038 Background



This preview shows how black text looks on a background with the YUV color 128.5460, 62.3418, -22.4038.



This preview shows how white text looks on a background with the YUV color 128.5460, 62.3418, -22.4038.

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

128.5460, 62.3418, -22.4038

Protanopia

118.5800, 67.2551, -58.3907

Deuteranopia

105.2200, 62.9955, -92.2779



Tritanopia

118.8390, 17.3344, -53.3558

Trichromacy



Original Color

128.5460, 62.3418, -22.4038

Protanomaly

122.5000, 65.3225, -45.1655

Deuteranomaly

113.6730, 62.7722, -67.2422

Tritanomaly

122.5580, 33.7419, -42.5854

Monochromacy



Original Color

128.5460, 62.3418, -22.4038

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2050, 22.5769, -8.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5460, 62.3418, -22.4038 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(103, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 117, 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(103, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 117, 255) }
```

Border

The CSS property to change the border of an element to YUV 128.5460, 62.3418, -22.4038 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(103, 117, 255) }
```


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

```
.border{ border-color:rgb(103, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 117,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 128.5460, 62.3418, -22.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 117, 255) }
```

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

```
.background{ background-color: rgb(103,  
117, 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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