

# Converting Colors

YUV(129.1620, 47.7411,  
-52.7621)

Have a look what the booklet for  
YUV(129.1620, 47.7411, -52.7621)  
contains.

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# Color

**YUV(129.1620, 47.7411,  
-52.7621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	458DE2
RGB	69, 141, 226
RGB Percent	27%, 55%, 89%
CMY	0.7294, 0.4471, 0.1137
CMYK	0.69, 0.38, 0.00, 0.11
HSL	212°, 73%, 58%
HSV	212°, 69%, 89%
XYZ	25.7066, 25.8059, 75.5777
YIQ	129.1620, -70.1970, 11.1710

# Conversions

## Conversions Part 2

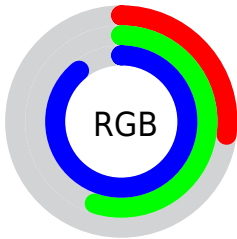
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 118, 226
Decimal	4558306
CIE Lab	57.85, 5.02, -49.75
CIE LCh	58, 50.003, 275.762
Yxy	25.8059, 0.2023, 0.2031
Android (android.graphics.Color)	4282748386 (0xFF458DE2)
YUV	129.1620, 47.7411, -52.7621
Hunter-Lab	50.7996, 1.4288, -52.6497

# Details

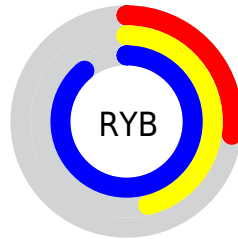
The YUV color **129.1620, 47.7411, -52.7621** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **165.8380, -47.7411, 52.7621**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7150, 35.6365, -43.6001**, and **72.7970, 47.9211, -63.8430** is the 20% darker color. If you saturate the color by 10%, you get **115.2410, 54.6042, -60.7244**, and if you desaturate by 10%, it is **143.0830, 40.8781, -44.7998**.

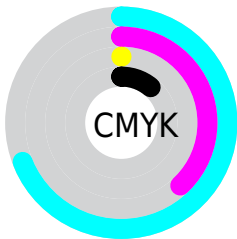
# Distribution



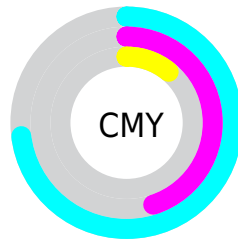
- Red (27%)
- Green (55%)
- Blue (89%)



- Red (27%)
- Yellow (46%)
- Blue (89%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (73%)
- Magenta (45%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.1620, 47.7411, -52.7621 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 129.1620, 47.7411, -52.7621 by changing the saturation by 10% instead.



■ 129.1620, 47.7411,  
-52.7621

■ 129.1620, 47.7411,  
-52.7621

255.0000, 0.0000,  
0.0000

■ 97.5410, 49.5263,  
-65.3725

■ 182.7150, 35.6365,  
-43.6001

■ 72.7970, 47.9211,  
-63.8430

■ 208.4200, 22.9639,  
-38.9563

■ 56.2180, 42.7835,  
-49.3032

■ 233.8260, 10.4388,  
-34.9274

■ 40.9270, 37.5040,  
-35.8930

■ 245.7310, 4.5696,  
-19.0581

■ 26.9240, 32.0825,  
-23.6123

■ 11.8610, 27.6765,  
-10.4021

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,  
-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 129.1620, 47.7411,  
-52.7621

■ 129.1620, 47.7411,  
-52.7621

■ 115.2410, 54.6042,  
-60.7244

■ 143.0830, 40.8781,  
-44.7998

■ 101.6190, 61.3198,  
-68.0719

■ 156.7050, 34.1624,  
-37.4523

■ 87.1110, 68.4723,  
-75.5193

■ 171.2130, 27.0100,  
-30.0048

■ 86.8120, 68.6197,  
-76.1341

■ 184.8350, 20.2943,  
-22.6573

■ 198.7560, 13.4313,  
-14.6950

■ 212.6770, 6.5682,  
-6.7327

■ 226.8860, -0.4368,  
0.1000

■ 240.8070, -7.2999,  
8.0623

■ 249.3460,  
-11.5096, 4.9586

# Harmonies

## Analogous

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



114.6630, 50.9451, -100.5595



129.1620, 47.7411, -52.7621



142.4750, 33.2898, 9.2304

# Triad

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



129.1620, 47.7411, -52.7621



137.9410, -23.6349, 67.5807



115.9210, -7.3561, -67.4597

# Complementary

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



129.1620, 47.7411, -52.7621



165.8380, -47.7411, 52.7621

# 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.



128.8230, -31.9577, -16.5078



129.1620, 47.7411, -52.7621



136.8080, -38.8523, 48.4034

# Square

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



129.1620, 47.7411, -52.7621



139.2290, -3.5639, 69.9592



133.1820, -42.9807, 19.1344



111.1510, 17.1806, -97.4794



# Rectangle

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



129.1620, 47.7411, -52.7621



143.2030, 22.5779, 38.4100



133.1820, -42.9807, 19.1344



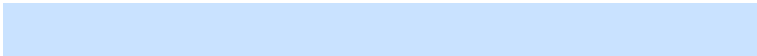
122.5340, -17.0253, -46.0723

# Sweetspot

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



129.1620, 47.7411, -52.7621



221.8310, 16.3523, -18.2688



170.7350, -8.7434, -89.2216



107.8660, 9.9261, -10.4065



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.



129.1620, 47.7411, -52.7621



124.1070, 64.5302, -71.1308



88.3930, 67.8403, -12.6227



105.1890, 3.3578, -3.6738



67.6110, 53.4358, -59.2948



18.3860, 14.5997, -16.1245



# Inverse Universe

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



124.1510, 8.3066, 89.3216



117.4460, 11.1191, 120.6349



206.6070, -67.8403, 12.6227



104.8590, 0.5625, 6.2627



61.8580, 9.4370, 100.1025

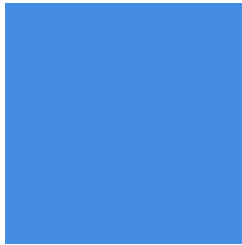


16.8600, 2.5340, 27.3098



# Previews

## White Background



This preview shows how the YUV color 129.1620, 47.7411, -52.7621 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 129.1620, 47.7411, -52.7621 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

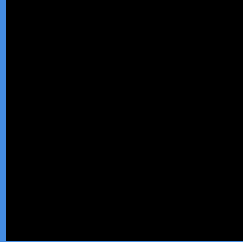
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

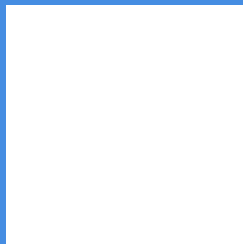
Any Text WCAG AAA × Fail

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

# YUV 129.1620, 47.7411, -52.7621 Background



This preview shows how black text looks on a background with the YUV color 129.1620, 47.7411, -52.7621.



This preview shows how white text looks on a background with the YUV color 129.1620, 47.7411, -52.7621.



# 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

129.1620, 47.7411, -52.7621

### Protanopia

135.8340, 41.9868, -27.0414

### Deuteranopia

132.2880, 46.6930, -43.2256



## Tritanopia

112.3230, 26.4628, -87.9833

# Trichromacy



## Original Color

129.1620, 47.7411, -52.7621

## Protanomaly

133.3490, 44.1979, -36.2631

## Deuteranomaly

131.3800, 47.1407, -46.8143

## Tritanomaly

118.7620, 34.1343, -75.2133

# Monochromacy



## Original Color

129.1620, 47.7411, -52.7621

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

128.7600, 17.3733, -19.0835

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.1620, 47.7411, -52.7621 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, 141, 226)` looks like.

```
.text, #text, p{  
    color:rgb(69, 141, 226)  
}
```

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, 141, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 141, 226) }
```

## Border

The CSS property to change the border of an element to YUV 129.1620, 47.7411, -52.7621 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, 141, 226) }
```



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

```
.border{ border-color:rgb(69, 141, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 141, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 141, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 141, 226);  
box-shadow:4px 4px 4px 4px rgb(69, 141,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 129.1620, 47.7411, -52.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 141, 226) }
```

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

```
.background{ background-color: rgb(69, 141,  
226) }
```

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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