

Converting Colors

YUV(114.5530, 68.2544,
-52.2280)

Have a look what the booklet for
YUV(114.5530, 68.2544, -52.2280)
contains.

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Color

**YUV(114.5530, 68.2544,
-52.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	3776FD
RGB	55, 118, 253
RGB Percent	22%, 46%, 99%
CMY	0.7843, 0.5373, 0.0078
CMYK	0.78, 0.53, 0.00, 0.01
HSL	221°, 98%, 60%
HSV	221°, 78%, 99%
XYZ	25.7836, 20.8609, 95.5961
YIQ	114.5530, -80.8830, 28.6290

Conversions

Conversions Part 2

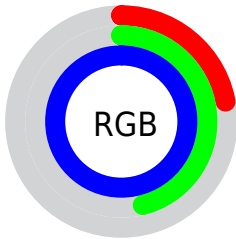
Format	Color
R_{YB}	55, 103, 253
Decimal	3634941
CIE _{Lab}	52.80, 27.13, -72.89
CIE _{LCh}	53, 77.780, 290.417
Yxy	20.8609, 0.1813, 0.1467
Android (android.graphics.Color)	4281825021 (0xFF3776FD)
YUV	114.5530, 68.2544, -52.2280
Hunter-Lab	45.6738, 20.8371, -92.1235

Details

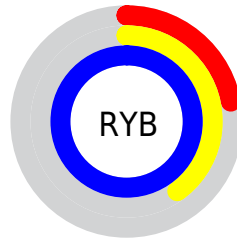
The YUV color **114.5530, 68.2544, -52.2280** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **193.4470, -68.2544, 52.2280**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1430, 43.3135, -32.5744**, and **63.9070, 64.6288, -56.0464** is the 20% darker color. If you saturate the color by 10%, you get **97.0990, 76.8592, -58.8458**, and if you desaturate by 10%, it is **132.0070, 59.6495, -45.6101**.

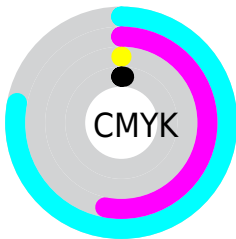
Distribution



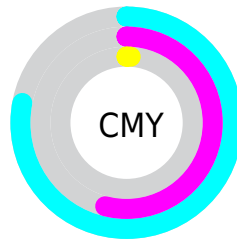
- Red (22%)
- Green (46%)
- Blue (99%)



- Red (22%)
- Yellow (40%)
- Blue (99%)



- Cyan (78%)
- Magenta (53%)
- Yellow (0%)
- Black (1%)



- Cyan (78%)
- Magenta (54%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5530, 68.2544, -52.2280 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 114.5530, 68.2544, -52.2280 by changing the saturation by 10% instead.

■ 114.5530, 68.2544,
-52.2280

■ 114.5530, 68.2544,
-52.2280

255.0000, 0.0000,
0.0000

■ 80.7140, 70.6400,
-70.7862

■ 167.1430, 43.3135,
-32.5744

■ 63.9070, 64.6288,
-56.0464

■ 193.4460, 30.3461,
-26.7011

■ 48.3880, 58.4757,
-42.4363

■ 218.5640, 17.9629,
-21.5426

■ 34.1570, 52.1806,
-29.9557

■ 245.1550, 4.8536,
-16.7989

■ 18.8660, 46.9011,
-16.5455

■ 17.6630, 34.6761,
-15.4905

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 114.5530, 68.2544,
-52.2280

■ 114.5530, 68.2544,
-52.2280

■ 97.0990, 76.8592,
-58.8458

■ 132.0070, 59.6495,
-45.6101

■ 79.3460, 85.6114,
-66.0784

■ 150.3470, 50.6079,
-38.8923

■ 76.3890, 87.0692,
-66.9932

■ 167.8010, 42.0031,
-32.2745

■ 185.2550, 33.3983,
-25.6566

■ 203.0080, 24.6461,
-18.4240

■ 221.0490, 15.7518,
-12.3210

■ 238.5030, 7.1470,
-5.7031

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



111.8370, 70.5794, -98.0810



114.5530, 68.2544, -52.2280



127.0190, 41.8956, 49.0953

Triad

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



114.5530, 68.2544, -52.2280



114.7870, -50.1810, 88.7638



101.4390, 0.2766, -88.9620

Complementary

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



114.5530, 68.2544, -52.2280



193.4470, -68.2544, 52.2280

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.



89.8400, -31.4731, -78.7897



114.5530, 68.2544, -52.2280



119.2210, -58.7760, 45.4102

Square

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



114.5530, 68.2544, -52.2280



106.5770, -11.1305, 117.0120



112.7220, -55.5719, -2.3872



110.4790, 29.8369, -96.8901

Rectangle

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



114.5530, 68.2544, -52.2280



116.7980, 27.2146, 91.3852



112.7220, -55.5719, -2.3872



98.1160, -9.9172, -86.0477

Sweetspot

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



114.5530, 68.2544, -52.2280



213.8790, 20.2727, -15.6799



186.2740, 0.3579, -115.1273



102.5610, 12.5414, -9.2620



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.



114.5530, 68.2544, -52.2280



87.5590, 82.5484, -63.6342



87.4390, 81.6216, 0.4920



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Inverse Universe

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



121.3840, -1.6683, 115.4272



95.5380, -1.7442, 139.8482



220.5610, -81.6216, -0.4920



119.3430, -0.1691, 7.5922



64.0630, -1.5101, 111.3237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 114.5530, 68.2544, -52.2280 looks on a white background.

Color Contrast Check

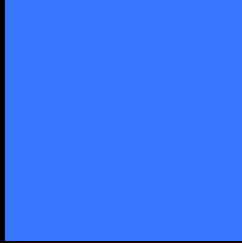
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5530, 68.2544, -52.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

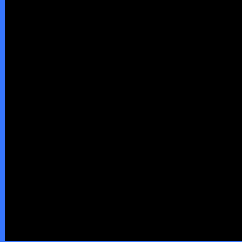
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

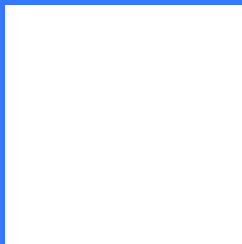
Any Text WCAG AAA × Fail

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

YUV 114.5530, 68.2544, -52.2280 Background



This preview shows how black text looks on a background with the YUV color 114.5530, 68.2544, -52.2280.



This preview shows how white text looks on a background with the YUV color 114.5530, 68.2544, -52.2280.

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

114.5530, 68.2544, -52.2280

Protanopia

104.8920, 74.0032, -76.2043

Deuteranopia

100.4440, 59.9271, -88.0894



Tritanopia

98.4650, 24.4208, -86.3538

Trichromacy



Original Color

114.5530, 68.2544, -52.2280

Protanomaly

108.0780, 71.9395, -67.5974

Deuteranomaly

105.3300, 62.9413, -74.8344

Tritanomaly

104.0810, 40.3861, -73.7390

Monochromacy



Original Color

114.5530, 68.2544, -52.2280

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7090, 24.7935, -19.0388

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5530, 68.2544, -52.2280 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(55, 118, 253)` looks like.

```
.text, #text, p{  
    color:rgb(55, 118, 253)  
}
```

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(55, 118, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 118, 253) }
```

Border

The CSS property to change the border of an element to YUV 114.5530, 68.2544, -52.2280 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(55, 118, 253) }
```


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

```
.border{ border-color:rgb(55, 118, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 118, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 118, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 118, 253);  
box-shadow:4px 4px 4px 4px rgb(55, 118,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 114.5530, 68.2544, -52.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 118, 253) }
```

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

```
.background{ background-color: rgb(55, 118,  
253) }
```

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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