

Converting Colors

YUV(143.7850, 52.8570,
-60.3244)

Have a look what the booklet for
YUV(143.7850, 52.8570, -60.3244)
contains.

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Color

**YUV(143.7850, 52.8570,
-60.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9EFB
RGB	75, 158, 251
RGB Percent	29%, 62%, 98%
CMY	0.7059, 0.3804, 0.0157
CMYK	0.70, 0.37, 0.00, 0.02
HSL	212°, 96%, 64%
HSV	212°, 70%, 98%
XYZ	32.5411, 32.9146, 95.9048
YIQ	143.7850, -79.3210, 11.3270

Conversions

Conversions Part 2

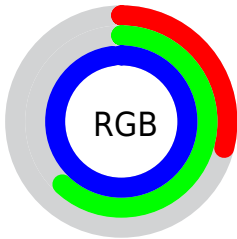
Format	Color
RYB	75, 131, 251
Decimal	4955899
CIELab	64.09, 4.56, -53.63
CIELCh	64, 53.820, 274.863
Yxy	32.9146, 0.2017, 0.2040
Android (android.graphics.Color)	4283145979 (0xFF4B9EFB)
YUV	143.7850, 52.8570, -60.3244
Hunter-Lab	57.3713, 0.8459, -58.9524

Details

The YUV color **143.7850, 52.8570, -60.3244** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **182.2150, -52.8570, 60.3244**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9720, 29.1008, -47.3334**, and **84.9250, 53.7740, -74.4792** is the 20% darker color. If you saturate the color by 10%, you get **128.6790, 60.3043, -69.0015**, and if you desaturate by 10%, it is **158.8910, 45.4097, -51.6474**.

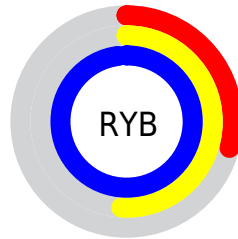
Distribution



Red (29%)

Green (62%)

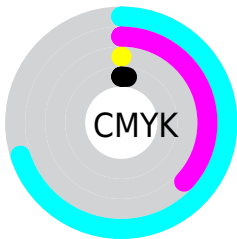
Blue (98%)



Red (29%)

Yellow (51%)

Blue (98%)

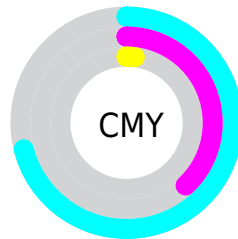


Cyan (70%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.7850, 52.8570, -60.3244 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 143.7850, 52.8570, -60.3244 by changing the saturation by 10% instead.

■ 143.7850, 52.8570,
-60.3244

■ 143.7850, 52.8570,
-60.3244

■ 255.0000, 0.0000,
0.0000

■ 110.8650, 54.7896,
-73.5496

■ 195.9720, 29.1008,
-47.3334

■ 84.9250, 53.7740,
-74.4792

■ 221.6770, 16.4282,
-42.6897

■ 68.2320, 48.1996,
-59.8395

■ 239.7510, 7.5178,
-31.3536

■ 51.6530, 43.0621,
-45.2997

■ 248.7210, 3.0955,
-12.9103

■ 36.3620, 37.7825,
-31.8895

■ 21.7720, 32.6504,
-19.0940

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 143.7850, 52.8570,
-60.3244

■ 143.7850, 52.8570,
-60.3244

■ 128.6790, 60.3043,
-69.0015

■ 158.8910, 45.4097,
-51.6474

■ 112.9860, 68.0409,
-77.1637

■ 174.5840, 37.6731,
-43.4852

■ 97.8800, 75.4882,
-85.8408

■ 189.6900, 30.2258,
-34.8081

■ 204.7960, 22.7786,
-26.1311

■ 219.9020, 15.3313,
-17.4541

■ 235.8940, 7.4473,
-8.6770

■ 251.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



127.9650, 56.2193, -112.2253



143.7850, 52.8570, -60.3244



158.5010, 37.2210, 8.3306

Triad

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



143.7850, 52.8570, -60.3244



153.6430, -24.9670, 74.8581



131.4430, -9.0924, -70.5485

Complementary

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



143.7850, 52.8570, -60.3244



182.2150, -52.8570, 60.3244

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.



144.1990, -35.5941, -16.8375



143.7850, 52.8570, -60.3244



152.6300, -42.2156, 53.8215

Square

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



143.7850, 52.8570, -60.3244



155.3870, -3.1488, 76.8366



149.4660, -47.0647, 22.3933



123.5410, 18.9603, -108.3455

Rectangle

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



143.7850, 52.8570, -60.3244



159.6100, 25.3353, 40.6840



149.4660, -47.0647, 22.3933



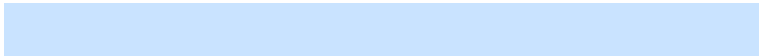
137.8280, -19.6352, -48.9612

Sweetspot

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



143.7850, 52.8570, -60.3244



222.4180, 16.0629, -18.7836



188.6860, -11.1842, -99.7026



108.4530, 9.6367, -10.9213



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.



143.7850, 52.8570, -60.3244



124.6830, 64.2463, -73.3900



95.9610, 76.4342, -15.7518



117.0040, 3.9420, -4.3885



73.7890, 56.7990, -64.7130



23.9770, 18.2523, -21.0278

Inverse Universe

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



137.0860, 10.3106, 99.9026



116.5000, 12.5715, 121.4645



230.0390, -76.4342, 15.7518



116.5710, 0.7045, 7.3922



66.6570, 11.0151, 107.2948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 143.7850, 52.8570, -60.3244 looks on a white background.

Color Contrast Check

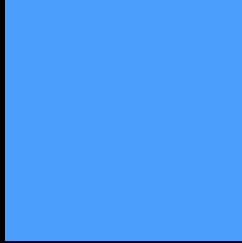
Large Text (above 18pt) WCAG AA × Fail

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 143.7850, 52.8570, -60.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

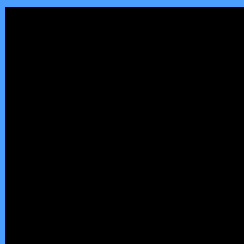
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

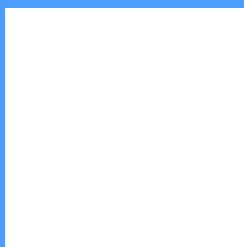
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.7850, 52.8570, -60.3244

Background



This preview shows how black text looks on a background with the YUV color 143.7850, 52.8570, -60.3244.



This preview shows how white text looks on a background with the YUV color 143.7850, 52.8570, -60.3244.

-60.3244.

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

143.7850, 52.8570, -60.3244

Protanopia

152.1480, 45.7760, -29.0708

Deuteranopia

147.8190, 51.3612, -47.1993



Tritanopia

121.4670, 31.3218, -106.5266

Trichromacy



Original Color

143.7850, 52.8570, -60.3244

Protanomaly

149.3530, 48.1400, -40.6516

Deuteranomaly

146.3130, 52.1037, -52.0175

Tritanomaly

129.3410, 39.2719, -89.7531

Monochromacy



Original Color

143.7850, 52.8570, -60.3244

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.9060, 19.2733, -21.8426

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7850, 52.8570, -60.3244 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(75, 158, 251)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 251)  
}
```

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(75, 158, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 251) }
```

Border

The CSS property to change the border of an element to YUV 143.7850, 52.8570, -60.3244 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(75, 158, 251) }
```


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

```
.border{ border-color:rgb(75, 158, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 158, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 251);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 143.7850, 52.8570, -60.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 251) }
```

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

```
.background{ background-color: rgb(75, 158,  
251) }
```

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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