

Converting Colors

YUV(127.3860, 54.5327,
-84.5305)

Have a look what the booklet for
YUV(127.3860, 54.5327, -84.5305)
contains.

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Color

**YUV(127.3860, 54.5327,
-84.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9BEE
RGB	31, 155, 238
RGB Percent	12%, 61%, 93%
CMY	0.8784, 0.3922, 0.0667
CMYK	0.87, 0.35, 0.00, 0.07
HSL	204°, 86%, 53%
HSV	204°, 87%, 93%
XYZ	27.7190, 29.9070, 85.2006
YIQ	127.3860, -100.5470, -0.4750

Conversions

Conversions Part 2

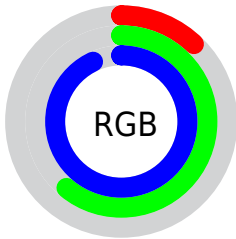
Format	Color
R _Y B	31, 109, 238
Decimal	2071534
CIE Lab	61.57, -2.79, -50.55
CIE LCh	62, 50.629, 266.836
Yxy	29.9070, 0.1941, 0.2094
Android (android.graphics.Color)	4280261614 (0xFF1F9BEE)
YUV	127.3860, 54.5327, -84.5305
Hunter-Lab	54.6873, -5.2276, -54.0902

Details

The YUV color **127.3860, 54.5327, -84.5305** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **141.6140, -54.5327, 84.5305**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1380, 33.9490, -62.3880**, and **81.7960, 49.4006, -71.7351** is the 20% darker color. If you saturate the color by 10%, you get **114.3400, 60.9644, -94.1372**, and if you desaturate by 10%, it is **140.4320, 48.1010, -74.9239**.

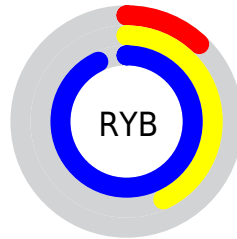
Distribution



Red (12%)

Green (61%)

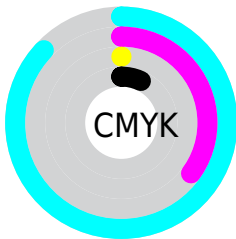
Blue (93%)



Red (12%)

Yellow (43%)

Blue (93%)

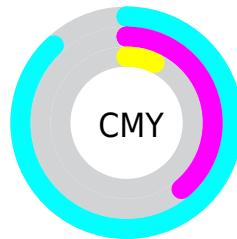


Cyan (87%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (88%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3860, 54.5327, -84.5305 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 127.3860, 54.5327, -84.5305 by changing the saturation by 10% instead.

■ 127.3860, 54.5327,
-84.5305

■ 127.3860, 54.5327,
-84.5305

■ 255.0000, 0.0000,
0.0000

■ 99.5490, 53.9593,
-87.3045

■ 186.1380, 33.9490,
-62.3880

■ 81.7960, 49.4006,
-71.7351

■ 212.4410, 20.9816,
-56.5148

■ 65.1030, 43.8262,
-57.0953

■ 232.2760, 11.2029,
-46.7231

■ 48.6380, 39.1255,
-42.6555

■ 241.5450, 6.6333,
-27.6650

■ 33.9340, 33.5565,
-29.7601

■ 251.1130, 1.9163,
-7.9921

■ 18.2840, 29.4400,
-16.0351

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 127.3860, 54.5327,
-84.5305

■ 127.3860, 54.5327,
-84.5305

■ 114.3400, 60.9644,
-94.1372

■ 140.4320, 48.1010,
-74.9239

■ 111.0730, 62.5750,
-97.4110

■ 152.8910, 41.9587,
-64.8024

■ 165.6380, 35.6745,
-55.8105

■ 178.0970, 29.5322,
-45.6891

■ 191.1430, 23.1005,
-36.0824

■ 203.6020, 16.9582,
-25.9610

■ 216.6480, 10.5265,
-16.3543

■ 228.8080, 4.5317,
-6.8476

■ 241.8540, -1.9000,
2.7590

Harmonies

Analogous

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



122.8640, 49.3670, -107.7517



127.3860, 54.5327, -84.5305



150.4560, 38.7222, -6.5389

Triad

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



127.3860, 54.5327, -84.5305



147.7550, -18.1202, 72.1289



131.9250, -16.7250, -49.0462

Complementary

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



127.3860, 54.5327, -84.5305



141.6140, -54.5327, 84.5305

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.



140.1080, -37.5212, -5.3567



127.3860, 54.5327, -84.5305



146.9600, -35.9693, 57.0401

Square

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



127.3860, 54.5327, -84.5305



150.4120, 2.2619, 68.0447



144.6070, -44.1763, 29.2857



116.5650, 12.5395, -102.2275

Rectangle

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



127.3860, 54.5327, -84.5305



153.5050, 27.8520, 26.7441



144.6070, -44.1763, 29.2857



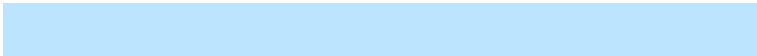
135.2600, -24.7782, -32.6770

Sweetspot

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



127.3860, 54.5327, -84.5305



219.4170, 17.5424, -26.6757



161.9710, -23.6497, -114.8616



106.6480, 10.5265, -16.3543



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.



127.3860, 54.5327, -84.5305



118.8810, 67.1067, -104.2586



66.9250, 84.3400, -31.5062



113.4770, 3.2158, -4.8033



85.5460, 48.5378, -75.0238



26.3420, 14.6214, -23.1019

Inverse Universe

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



107.0290, 23.6497, 114.8616



93.6870, 29.2413, 141.4715



202.0750, -84.3400, 31.5062



112.3860, 1.2887, 6.6775



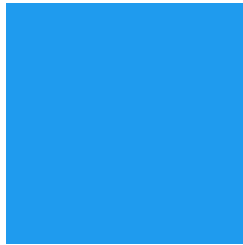
67.5560, 20.9249, 102.1214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 127.3860, 54.5327, -84.5305 looks on a white background.

Color Contrast Check

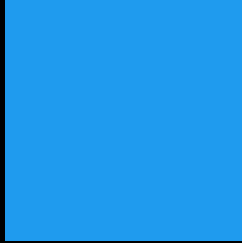
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3860, 54.5327, -84.5305 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

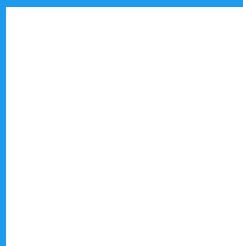
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.3860, 54.5327, -84.5305

Background



This preview shows how black text looks on a background with the YUV color 127.3860, 54.5327, -84.5305.



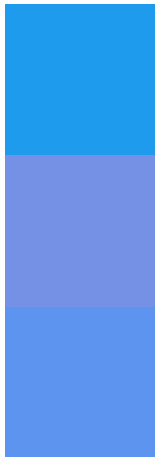
This preview shows how white text looks on a background with the YUV color 127.3860, 54.5327, -84.5305.

-84.5305.

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

127.3860, 54.5327, -84.5305

Protanopia

146.2040, 40.8184, -25.6119

Deuteranopia

141.7440, 48.4402, -43.6255



Tritanopia

116.3320, 29.4163, -102.0232

Trichromacy



Original Color

127.3860, 54.5327, -84.5305

Protanomaly

139.6250, 45.5409, -47.0291

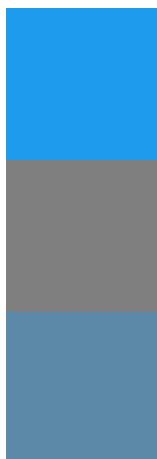
Deuteranomaly

136.8130, 50.3782, -58.5950

Tritanomaly

120.4820, 38.7094, -96.0157

Monochromacy



Original Color

127.3860, 54.5327, -84.5305

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9650, 19.7373, -30.6643

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3860, 54.5327, -84.5305 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(31, 155, 238)` looks like.

```
.text, #text, p{  
    color:rgb(31, 155, 238)  
}
```

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(31, 155, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 155, 238) }
```

Border

The CSS property to change the border of an element to YUV 127.3860, 54.5327, -84.5305 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(31, 155, 238) }
```


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

```
.border{ border-color:rgb(31, 155, 238) }
```

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

Here you see how a box with a 4 pixel rgb(31, 155, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 155, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 155, 238);  
box-shadow:4px 4px 4px 4px rgb(31, 155,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 127.3860, 54.5327, -84.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 155, 238) }
```

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

```
.background{ background-color: rgb(31, 155,  
238) }
```

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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