

Converting Colors

YUV(170.5860, 27.8121,
-54.0109)

Have a look what the booklet for
YUV(170.5860, 27.8121, -54.0109)
contains.

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Color

**YUV(170.5860, 27.8121,
-54.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBFE3
RGB	109, 191, 227
RGB Percent	43%, 75%, 89%
CMY	0.5725, 0.2510, 0.1098
CMYK	0.52, 0.16, 0.00, 0.11
HSL	198°, 68%, 66%
HSV	198°, 52%, 89%
XYZ	38.8026, 46.0589, 79.5182
YIQ	170.5860, -60.4280, -6.1880

Conversions

Conversions Part 2

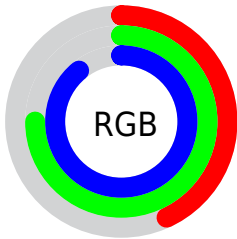
Format	Color
RYB	109, 157, 227
Decimal	7192547
CIELab	73.58, -15.22, -25.65
CIELCh	74, 29.828, 239.321
Yxy	46.0589, 0.2361, 0.2802
Android (android.graphics.Color)	4285382627 (0xFF6DBFE3)
YUV	170.5860, 27.8121, -54.0109
Hunter-Lab	67.8667, -16.7098, -21.9624

Details

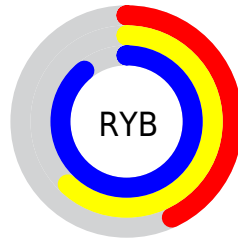
The YUV color **170.5860, 27.8121, -54.0109** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **165.4140, -27.8121, 54.0109**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9920, 15.2869, -49.9820**, and **114.3680, 28.4126, -59.9587** is the 20% darker color. If you saturate the color by 10%, you get **159.6000, 33.2282, -64.5472**, and if you desaturate by 10%, it is **181.5720, 22.3960, -43.4746**.

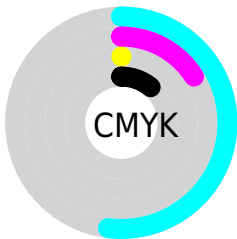
Distribution



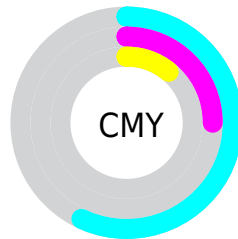
- Red (43%)
- Green (75%)
- Blue (89%)



- Red (43%)
- Yellow (62%)
- Blue (89%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5860, 27.8121, -54.0109 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 170.5860, 27.8121, -54.0109 by changing the saturation by 10% instead.

■ 170.5860, 27.8121,
-54.0109

■ 170.5860, 27.8121,
-54.0109

■ 255.0000, 0.0000,
0.0000

■ 142.5750, 27.8175,
-55.7553

■ 223.9920, 15.2869,
-49.9820

■ 114.3680, 28.4126,
-59.9587

■ 237.3590, 8.6970,
-36.2718

■ 82.2740, 30.9239,
-72.1543

■ 246.3290, 4.2748,
-17.8285

■ 65.2220, 26.5126,
-57.1997

■ 48.2840, 22.5380,
-42.3451

■ 32.6340, 18.4214,
-28.6200

■ 18.9730, 14.3103,

-16.6393

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 170.5860, 27.8121,
-54.0109

■ 170.5860, 27.8121,
-54.0109

■ 159.6000, 33.2282,
-64.5472

■ 181.5720, 22.3960,
-43.4746

■ 148.9130, 38.4969,
-74.4687

■ 192.2590, 17.1273,
-33.5531

■ 137.9270, 43.9130,
-85.0050

■ 203.2450, 11.7112,
-23.0169

■ 126.9410, 49.3291,
-95.5413

■ 214.2310, 6.2951,
-12.4806

■ 118.6240, 53.4294,
-104.0332

■ 224.9180, 1.0264,
-2.5591

■ 235.9040, -4.3897,
7.9772

■ 242.4160, -7.6001,
11.0362

■ 246.5250, -9.6258,
7.4326

■ 250.6340,
-11.6516, 3.8290

Harmonies

Analogous

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



166.4680, 19.9823, -62.6774



170.5860, 27.8121, -54.0109



177.5660, 28.3150, -28.5604

Triad

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



170.5860, 27.8121, -54.0109



184.9220, -1.4405, 42.1644



176.2450, -21.8128, -3.7229

Complementary

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



170.5860, 27.8121, -54.0109



165.4140, -27.8121, 54.0109

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.



179.5360, -26.3932, 18.8239



170.5860, 27.8121, -54.0109



183.0290, -13.8183, 45.5786

Square

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



170.5860, 27.8121, -54.0109



184.9660, 11.8488, 26.3398



181.8570, -23.1005, 36.0824



172.4790, -10.0961, -28.4841

Rectangle

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



170.5860, 27.8121, -54.0109



181.4760, 24.9083, -9.1875



181.8570, -23.1005, 36.0824



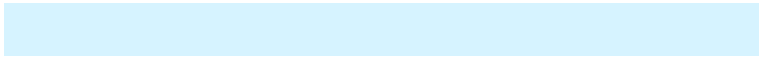
177.7190, -24.0185, 3.7544

Sweetspot

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



170.5860, 27.8121, -54.0109



235.6970, 9.5164, -19.0283



182.2560, -18.8602, -64.2455



115.8290, 6.0003, -11.2510



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.



170.5860, 27.8121, -54.0109



179.5820, 37.1811, -72.4244



136.5400, 44.5968, -24.1526



109.0640, 2.9264, -5.3181



93.1940, 42.3024, -81.7311



26.3590, 12.1480, -23.1168

Inverse Universe

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



153.6300, 18.4234, 64.3455



156.7820, 24.7575, 86.1372



199.4600, -44.5968, 24.1526



107.5000, 1.7255, 6.5775



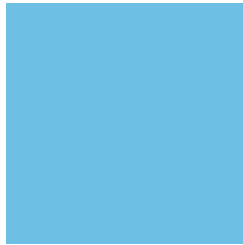
67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 170.5860, 27.8121, -54.0109 looks on a white background.

Color Contrast Check

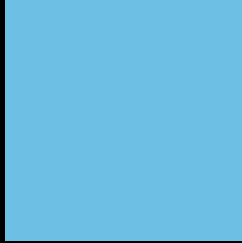
Large Text (above 18pt) WCAG AA × Fail

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 170.5860, 27.8121, -54.0109 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 170.5860, 27.8121, -54.0109

Background



This preview shows how black text looks on a background with the YUV color 170.5860, 27.8121, -54.0109.



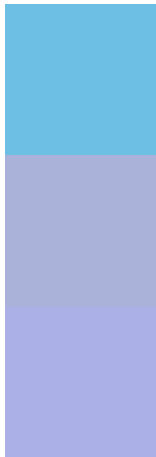
This preview shows how white text looks on a background with the YUV color 170.5860, 27.8121, -54.0109.

-54.0109.

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

170.5860, 27.8121, -54.0109

Protanopia

180.4670, 18.5038, -8.3026

Deuteranopia

181.2480, 24.0347, -8.9875



Tritanopia

168.6150, 20.4028, -57.5444

Trichromacy



Original Color

170.5860, 27.8121, -54.0109

Protanomaly

176.8670, 21.7576, -25.3164

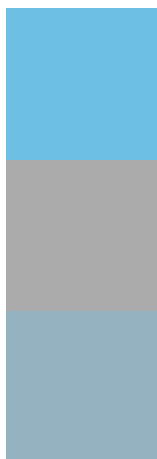
Deuteranomaly

177.1920, 25.5413, -25.6014

Tritanomaly

169.3100, 23.0182, -56.3999

Monochromacy



Original Color

170.5860, 27.8121, -54.0109

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.5120, 10.1006, -19.7430

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5860, 27.8121, -54.0109 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(109, 191, 227)` looks like.

```
.text, #text, p{  
    color:rgb(109, 191, 227)  
}
```

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(109, 191, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 191, 227) }
```

Border

The CSS property to change the border of an element to YUV 170.5860, 27.8121, -54.0109 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(109, 191, 227) }
```


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

```
.border{ border-color:rgb(109, 191, 227) }
```

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

Here you see how a box with a 4 pixel rgb(109, 191, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 191, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 191, 227);  
box-shadow:4px 4px 4px 4px rgb(109, 191,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 170.5860, 27.8121, -54.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 191, 227) }
```

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

```
.background{ background-color: rgb(109,  
191, 227) }
```

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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