

Converting Colors

YUV(201.4070, 25.9283,
-56.4849)

Have a look what the booklet for
YUV(201.4070, 25.9283, -56.4849)
contains.

YUV(201.4070, 25.9283, -56.4849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(201.4070, 25.9283,
-56.4849)**

Conversions

Conversions Part 1

Format	Color
Hex	89E0FE
RGB	137, 224, 254
RGB Percent	54%, 88%, 100%
CMY	0.4627, 0.1216, 0.0039
CMYK	0.46, 0.12, 0.00, 0.00
HSL	195°, 98%, 77%
HSV	195°, 46%, 100%
XYZ	54.8616, 65.7854, 103.5723
YIQ	201.4070, -61.4820, -9.1140

Conversions

Conversions Part 2

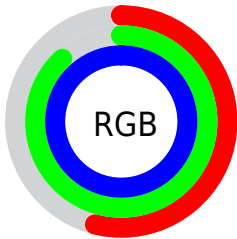
Format	Color
RYB	137, 187, 254
Decimal	9036030
CIELab	84.89, -18.55, -22.75
CIELCh	85, 29.355, 230.807
Yxy	65.7854, 0.2447, 0.2934
Android (android.graphics.Color)	4287226110 (0xFF89E0FE)
YUV	201.4070, 25.9283, -56.4849
Hunter-Lab	81.1082, -21.2020, -18.9354

Details

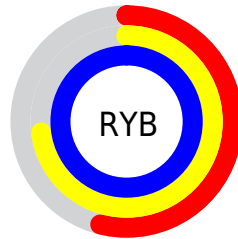
The YUV color **201.4070, 25.9283, -56.4849** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **189.5930, -25.9283, 56.4849**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **144.9830, 25.6444, -58.7441** is the 20% darker color. If you saturate the color by 10%, you get **189.8230, 31.6393, -68.2508**, and if you desaturate by 10%, it is **212.9910, 20.2174, -44.7191**.

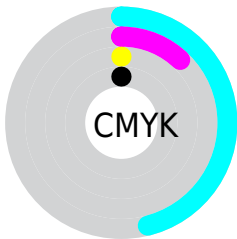
Distribution



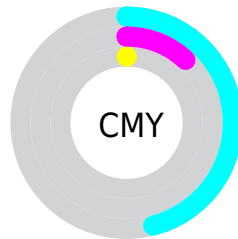
- Red (54%)
- Green (88%)
- Blue (100%)



- Red (54%)
- Yellow (73%)
- Blue (100%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.4070, 25.9283, -56.4849 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 201.4070, 25.9283, -56.4849 by changing the saturation by 10% instead.

201.4070, 25.9283,
-56.4849

201.4070, 25.9283,
-56.4849

255.0000, 0.0000,
0.0000

172.9940, 25.6390,
-56.9997

237.0600, 8.8444,
-36.8866

144.9830, 25.6444,
-58.7441

246.0300, 4.4222,
-18.4433

115.8900, 26.6762,
-63.0475

84.3940, 28.8928,
-74.0135

67.4560, 24.9182,
-59.1589

50.5180, 20.9436,
-44.3043

34.8680, 16.8271,

-30.5792

■ 21.2070, 12.7159,
-18.5985

■ 3.5510, 11.0674,
-3.1142

■ 201.4070, 25.9283,
-56.4849

■ 201.4070, 25.9283,
-56.4849

■ 189.8230, 31.6393,
-68.2508

■ 212.9910, 20.2174,
-44.7191

■ 178.5270, 37.2082,
-81.1462

■ 224.2870, 14.6485,
-31.8237

■ 166.9430, 42.9191,
-92.9120

■ 235.8710, 8.9376,
-20.0579

■ 155.6470, 48.4880,
-105.8074

■ 247.1670, 3.3687,
-7.1625

■ 144.0630, 54.1989, 254.8860, -0.4368,
-117.5733 0.1000

■ 139.8990, 56.2518,
-122.6914

Harmonies

Analogous

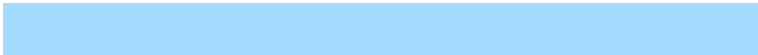
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.0510, 15.7509, -58.8037



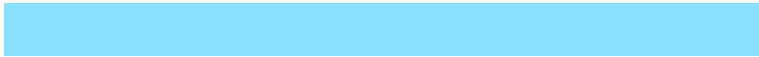
201.4070, 25.9283, -56.4849



206.0830, 24.1161, -35.1528

Triad

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



201.4070, 25.9283, -56.4849



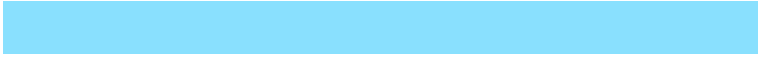
214.8440, 3.5279, 35.2168



208.4200, -23.8711, 3.1397

Complementary

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



201.4070, 25.9283, -56.4849



189.5930, -25.9283, 56.4849

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.



211.2810, -26.2675, 25.1866



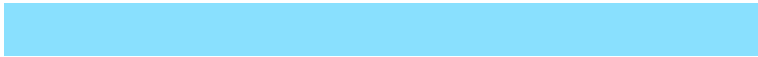
201.4070, 25.9283, -56.4849



211.6520, -8.7024, 38.0162

Square

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



201.4070, 25.9283, -56.4849



216.4320, 15.0700, 19.7921



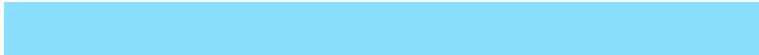
211.8510, -20.6325, 37.8417



204.7850, -14.1910, -21.7364

Rectangle

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



201.4070, 25.9283, -56.4849



210.3350, 22.0198, -16.0798



211.8510, -20.6325, 37.8417



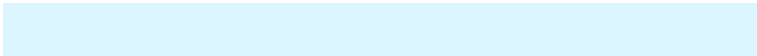
209.3070, -25.7874, 11.1318

Sweetspot

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



201.4070, 25.9283, -56.4849



238.9530, 7.9112, -17.4988



208.9850, -21.1916, -63.1308



117.9000, 4.9793, -10.4363



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.



201.4070, 25.9283, -56.4849



192.0080, 31.0551, -67.5360



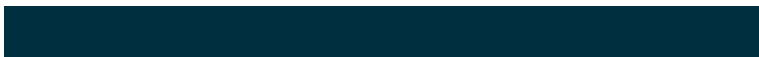
167.3610, 42.7130, -26.6266



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Inverse Universe

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



181.9010, 20.7548, 63.2308



168.7160, 24.7900, 75.6711



223.6390, -42.7130, 26.6266



119.9130, 2.0149, 7.0923



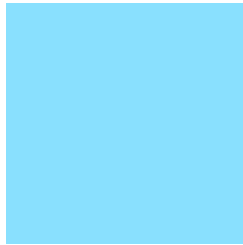
73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 201.4070, 25.9283, -56.4849 looks on a white background.

Color Contrast Check

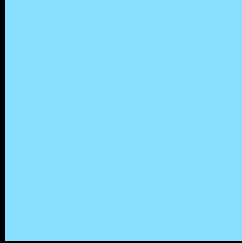
Large Text (above 18pt) WCAG AA × Fail

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 201.4070, 25.9283, -56.4849 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

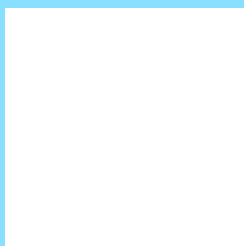
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.4070, 25.9283, -56.4849

Background



This preview shows how black text looks on a background with the YUV color 201.4070, 25.9283, -56.4849.



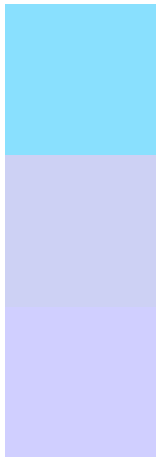
This preview shows how white text looks on a background with the YUV color 201.4070, 25.9283, -56.4849.

-56.4849.

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

201.4070, 25.9283, -56.4849

Protanopia

211.7940, 15.8776, -5.9583

Deuteranopia

212.7710, 20.8189, -4.1842



Tritanopia

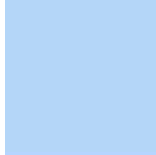
200.5440, 21.4238, -58.3591

Trichromacy



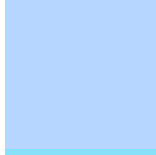
Original Color

201.4070, 25.9283, -56.4849



Protanomaly

207.7100, 19.8630, -24.3017



Deuteranomaly

208.5190, 22.9151, -23.2572



Tritanomaly

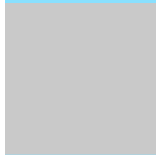
200.7120, 23.3130, -57.6294

Monochromacy



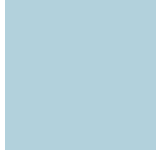
Original Color

201.4070, 25.9283, -56.4849



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.9850, 9.3744, -20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.4070, 25.9283, -56.4849 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(137, 224, 254)` looks like.

```
.text, #text, p{  
    color:rgb(137, 224, 254)  
}
```

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(137, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 224, 254) }
```

Border

The CSS property to change the border of an element to YUV 201.4070, 25.9283, -56.4849 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(137, 224, 254) }
```


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

```
.border{ border-color:rgb(137, 224, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 224, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(137, 224,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 201.4070, 25.9283, -56.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 224, 254) }
```

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

```
.background{ background-color: rgb(137,  
224, 254) }
```

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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