

Converting Colors

YUV(177.2520, 34.3858,
-62.4880)

Have a look what the booklet for
YUV(177.2520, 34.3858, -62.4880)
contains.

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Color

**YUV(177.2520, 34.3858,
-62.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	6AC8F7
RGB	106, 200, 247
RGB Percent	42%, 78%, 97%
CMY	0.5843, 0.2157, 0.0314
CMYK	0.57, 0.19, 0.00, 0.03
HSL	200°, 90%, 69%
HSV	200°, 57%, 97%
XYZ	43.3866, 51.0881, 95.5700
YIQ	177.2520, -71.1110, -5.3110

Conversions

Conversions Part 2

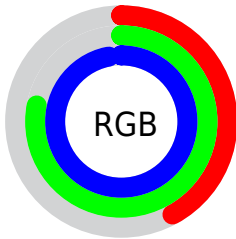
Format	Color
R _Y B	106, 162, 247
Decimal	6998263
CIE Lab	76.73, -14.72, -31.61
CIE LCh	77, 34.870, 245.022
Yxy	51.0881, 0.2283, 0.2688
Android (android.graphics.Color)	4285188343 (0xFF6AC8F7)
YUV	177.2520, 34.3858, -62.4880
Hunter-Lab	71.4760, -16.7316, -29.2430

Details

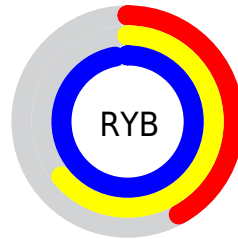
The YUV color **177.2520, 34.3858, -62.4880** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **175.7480, -34.3858, 62.4880**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, 13.1192, -54.7152**, and **117.5280, 35.7287, -73.2541** is the 20% darker color. If you saturate the color by 10%, you get **165.0810, 40.3861, -73.7390**, and if you desaturate by 10%, it is **189.4230, 28.3855, -51.2370**.

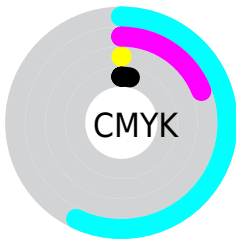
Distribution



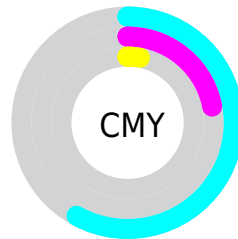
- Red (42%)
- Green (78%)
- Blue (97%)



- Red (42%)
- Yellow (64%)
- Blue (97%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2520, 34.3858, -62.4880 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 177.2520, 34.3858, -62.4880 by changing the saturation by 10% instead.

■ 177.2520, 34.3858,
-62.4880

■ 177.2520, 34.3858,
-62.4880

255.0000, 0.0000,
0.0000

■ 148.5290, 34.2492,
-65.3619

■ 228.3890, 13.1192,
-54.7152

■ 117.5280, 35.7287,
-73.2541

■ 237.3590, 8.6970,
-36.2718

■ 89.0220, 36.4712,
-78.0723

■ 246.6280, 4.1274,
-17.2138

■ 71.9700, 32.0598,
-63.1177

■ 54.9180, 27.6484,
-48.1631

■ 38.6810, 23.8213,
-33.9232

■ 24.2050, 19.1259,

-21.2278

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 177.2520, 34.3858,
-62.4880

■ 177.2520, 34.3858,
-62.4880

■ 165.0810, 40.3861,
-73.7390

■ 189.4230, 28.3855,
-51.2370

■ 153.2090, 46.2390,
-84.3753

■ 201.2950, 22.5326,
-40.6007

■ 140.4510, 52.5287,
-95.1115

■ 214.0530, 16.2429,
-29.8645

■ 128.2800, 58.5290,
-106.3626

■ 226.2240, 10.2426,
-18.6134

■ 125.0130, 60.1396,
-109.6364

■ 238.0960, 4.3897,
-7.9772

■ 250.2670, -1.6106,
3.2738

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



170.4920, 26.8724, -79.3615



177.2520, 34.3858, -62.4880



187.0050, 32.5355, -28.9454

Triad

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



177.2520, 34.3858, -62.4880



193.2930, -4.0884, 51.4860



182.8590, -23.1015, -10.4003

Complementary

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



177.2520, 34.3858, -62.4880



175.7480, -34.3858, 62.4880

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.



186.7870, -30.4610, 16.8498



177.2520, 34.3858, -62.4880



191.8080, -18.6393, 51.9114

Square

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



177.2520, 34.3858, -62.4880



194.2060, 11.2374, 35.7763



189.5000, -28.3475, 39.0265



178.4560, -8.6058, -39.8649

Rectangle

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



177.2520, 34.3858, -62.4880



191.3070, 27.9496, -4.6542



189.5000, -28.3475, 39.0265



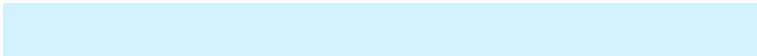
184.8880, -27.0598, -0.7788

Sweetspot

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



177.2520, 34.3858, -62.4880



233.9250, 10.3900, -19.2282



194.1250, -20.2746, -77.2856



114.9430, 6.4371, -11.3510



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.



177.2520, 34.3858, -62.4880



167.7430, 43.0177, -77.8276



136.1620, 54.6431, -26.4521



116.0640, 2.9264, -5.3181



93.9920, 45.3599, -82.4310



29.6190, 14.4848, -25.9759

Inverse Universe

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



158.8750, 20.2746, 77.2856



144.9620, 25.1617, 96.5033



217.4250, -54.9325, 25.9373



114.5000, 1.7255, 6.5775



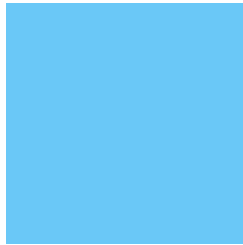
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 177.2520, 34.3858, -62.4880 looks on a white background.

Color Contrast Check

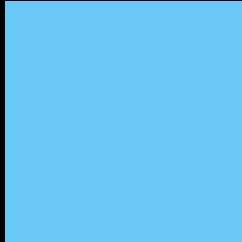
Large Text (above 18pt) WCAG AA × Fail

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 177.2520, 34.3858, -62.4880 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

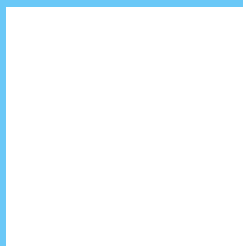
Any Text WCAG AAA ✓ Pass

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

YUV 177.2520, 34.3858, -62.4880 Background



This preview shows how black text looks on a background with the YUV color 177.2520, 34.3858, -62.4880.



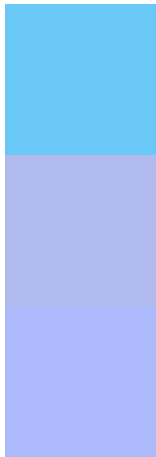
This preview shows how white text looks on a background with the YUV color 177.2520, 34.3858, -62.4880.

-62.4880.

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

177.2520, 34.3858, -62.4880

Protanopia

188.8240, 23.7508, -11.2466

Deuteranopia

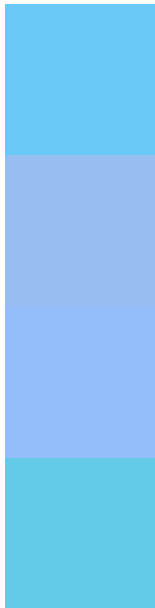
188.5230, 30.3082, -14.4907



Tritanopia

174.2330, 23.0561, -68.6103

Trichromacy



Original Color

177.2520, 34.3858, -62.4880

Protanomaly

184.7400, 27.7362, -29.5900

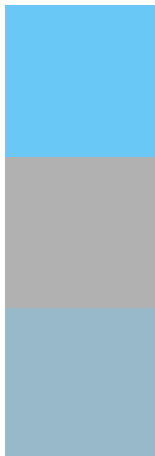
Deuteranomaly

184.1680, 31.9622, -31.7193

Tritanomaly

175.2810, 26.9765, -66.0214

Monochromacy



Original Color

177.2520, 34.3858, -62.4880

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7720, 12.4374, -22.6020

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2520, 34.3858, -62.4880 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(106, 200, 247)` looks like.

```
.text, #text, p{  
    color:rgb(106, 200, 247)  
}
```

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(106, 200, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 200, 247) }
```

Border

The CSS property to change the border of an element to YUV 177.2520, 34.3858, -62.4880 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(106, 200, 247) }
```


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

```
.border{ border-color:rgb(106, 200, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 200, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 200, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 200, 247); box-shadow:4px 4px 4px 4px rgb(106, 200, 247) }
```

Background

The CSS property to change the background color of an element to YUV 177.2520, 34.3858, -62.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 200, 247) }
```

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

```
.background{ background-color: rgb(106,  
200, 247) }
```

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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