

Converting Colors

YUV(193.6470, 21.8660,
-60.2034)

Have a look what the booklet for
YUV(193.6470, 21.8660, -60.2034)
contains.

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Color

**YUV(193.6470, 21.8660,
-60.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	7DDCEE
RGB	125, 220, 238
RGB Percent	49%, 86%, 93%
CMY	0.5098, 0.1373, 0.0667
CMYK	0.47, 0.08, 0.00, 0.07
HSL	190°, 77%, 71%
HSV	190°, 47%, 93%
XYZ	49.4833, 61.7194, 90.1939
YIQ	193.6470, -62.3980, -14.5420

Conversions

Conversions Part 2

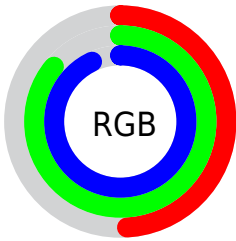
Format	Color
RYB	125, 177, 238
Decimal	8248558
CIELab	82.76, -23.47, -17.55
CIELCh	83, 29.309, 216.781
Yxy	61.7194, 0.2457, 0.3065
Android (android.graphics.Color)	4286438638 (0xFF7DDCEE)
YUV	193.6470, 21.8660, -60.2034
Hunter-Lab	78.5617, -25.0521, -13.0756

Details

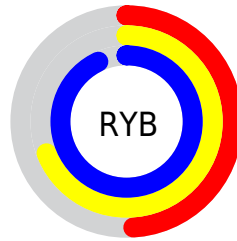
The YUV color **193.6470, 21.8660, -60.2034** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.3530, -21.8660, 60.2034**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **136.7390, 22.3137, -63.7921** is the 20% darker color. If you saturate the color by 10%, you get **184.1230, 26.5614, -72.8989**, and if you desaturate by 10%, it is **203.1710, 17.1707, -47.5080**.

Distribution



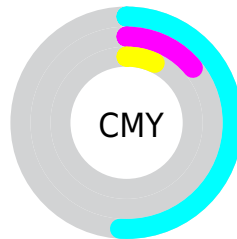
- Red (49%)
- Green (86%)
- Blue (93%)



- Red (49%)
- Yellow (69%)
- Blue (93%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6470, 21.8660, -60.2034 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 193.6470, 21.8660, -60.2034 by changing the saturation by 10% instead.

193.6470, 21.8660,
-60.2034

193.6470, 21.8660,
-60.2034

255.0000, 0.0000,
0.0000

165.0490, 22.1608,
-61.4330

233.4720, 10.6133,
-44.2639

136.7390, 22.3137,
-63.7921

242.4420, 6.1911,
-25.8206

106.1510, 24.0826,
-71.1694

251.4120, 1.7689,
-7.3773

81.0370, 23.6458,
-71.0694

63.5120, 19.9606,
-55.7000

46.6880, 16.4228,
-40.9454

31.1520, 12.7431,

-27.3203

■ 15.2570, 10.2263,
-13.3804

■ 1.3680, 5.2416,
-1.1997

■ 193.6470, 21.8660,
-60.2034

■ 193.6470, 21.8660,
-60.2034

■ 184.1230, 26.5614,
-72.8989

■ 203.1710, 17.1707,
-47.5080

■ 174.5990, 31.2567,
-85.5943

■ 212.6950, 12.4754,
-34.8125

■ 165.9610, 35.5152,
-98.1898

■ 221.3330, 8.2168,
-22.2170

■ 156.4370, 40.2106,
-110.8852

■ 230.8570, 3.5215,
-9.5216

■ 146.9130, 44.9059,
-123.5807

■ 240.3810, -1.1738,
3.1739

■ 144.5320, 46.0797,
-126.7546

■ 246.0180, -3.9529,
7.8772

■ 248.3660, -5.1104,
5.8180

■ 250.1270, -5.9786,
4.2736

■ 252.4750, -7.1362,
2.2144

Harmonies

Analogous

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



193.9500, 8.8987, -54.3301



193.6470, 21.8660, -60.2034



198.6300, 27.7904, -47.0335

Triad

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



193.6470, 21.8660, -60.2034



210.7880, 8.4855, 31.7579



203.9160, -26.0876, 14.1057

Complementary

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



193.6470, 21.8660, -60.2034



169.3530, -21.8660, 60.2034

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.



206.6780, -24.9843, 33.6084



193.6470, 21.8660, -60.2034



208.3410, -3.6191, 40.9199

Square

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



193.6470, 21.8660, -60.2034



209.3210, 20.0547, 7.6115



207.0240, -16.2808, 42.0750



200.7820, -19.6125, -9.4558

Rectangle

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



193.6470, 21.8660, -60.2034



201.9850, 26.1364, -29.8048



207.0240, -16.2808, 42.0750



204.8460, -26.5461, 21.1831

Sweetspot

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



193.6470, 21.8660, -60.2034



240.7140, 7.0430, -19.0432



193.2690, -25.2756, -59.8719



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



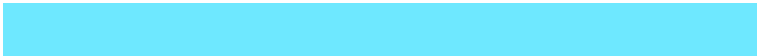
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193.6470, 21.8660, -60.2034



198.1440, 28.0300, -77.3023



161.3620, 37.7825, -31.8895



115.2380, 2.3477, -6.3477



111.3740, 35.8046, -97.6750



33.9730, 10.8593, -29.7943

Inverse Universe

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



169.6170, 24.8388, 59.9719



167.2630, 31.9153, 76.9453



201.6380, -37.7825, 31.8895



112.7280, 2.5991, 6.3775



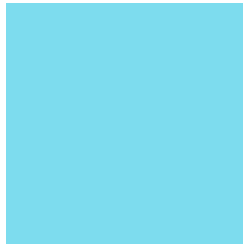
72.5720, 40.1440, 97.7224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 193.6470, 21.8660, -60.2034 looks on a white background.

Color Contrast Check

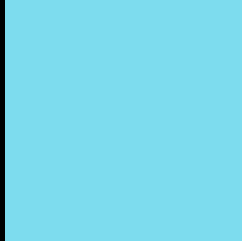
Large Text (above 18pt) WCAG AA × Fail

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 193.6470, 21.8660, -60.2034 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 193.6470, 21.8660, -60.2034 Background



This preview shows how black text looks on a background with the YUV color 193.6470, 21.8660, -60.2034.

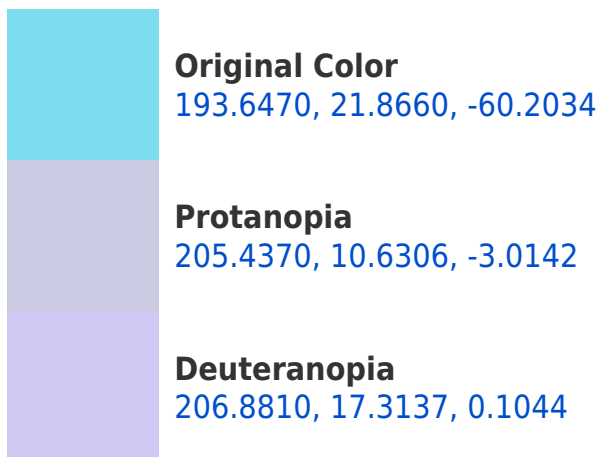


This preview shows how white text looks on a background with the YUV color 193.6470, 21.8660, -60.2034.

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

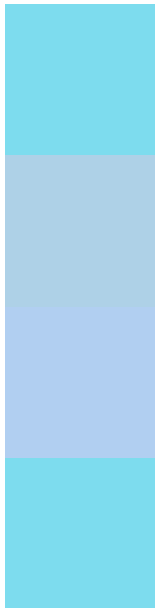




Tritanopia

193.6470, 21.8660, -60.2034

Trichromacy



Original Color

193.6470, 21.8660, -60.2034

Protanomaly

201.0430, 14.7688, -23.7167

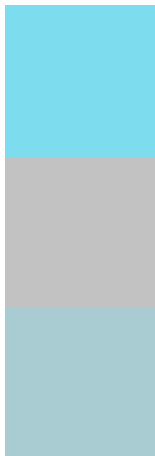
Deuteranomaly

201.9060, 19.2733, -21.8426

Tritanomaly

193.6470, 21.8660, -60.2034

Monochromacy



Original Color

193.6470, 21.8660, -60.2034

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.6320, 8.0694, -21.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6470, 21.8660, -60.2034 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(125, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(125, 220, 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(125, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 220, 238) }
```

Border

The CSS property to change the border of an element to YUV 193.6470, 21.8660, -60.2034 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

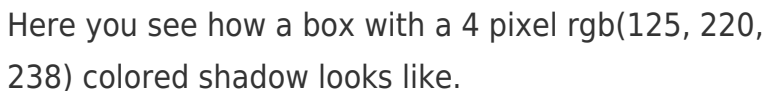
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 220, 238) }
```


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

```
.border{ border-color:rgb(125, 220, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 220, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 220, 238); box-shadow:4px 4px 4px 4px rgb(125, 220, 238) }
```

Background

The CSS property to change the background color of an element to YUV 193.6470, 21.8660, -60.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 220, 238) }
```

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

```
.background{ background-color: rgb(125,  
220, 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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