

Converting Colors

YUV(192.9350, 21.7240,
-61.3330)

Have a look what the booklet for
YUV(192.9350, 21.7240, -61.3330)
contains.

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Color

**YUV(192.9350, 21.7240,
-61.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	7BDCED
RGB	123, 220, 237
RGB Percent	48%, 86%, 93%
CMY	0.5176, 0.1373, 0.0706
CMYK	0.48, 0.07, 0.00, 0.07
HSL	189°, 76%, 71%
HSV	189°, 48%, 93%
XYZ	49.0476, 61.5118, 89.4086
YIQ	192.9350, -63.2690, -15.2770

Conversions

Conversions Part 2

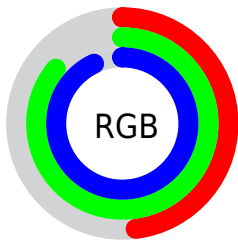
Format	Color
RYB	123, 175, 237
Decimal	8117485
CIELab	82.65, -24.18, -17.19
CIELCh	83, 29.670, 215.414
Yxy	61.5118, 0.2453, 0.3076
Android (android.graphics.Color)	4286307565 (0xFF7BDCED)
YUV	192.9350, 21.7240, -61.3330
Hunter-Lab	78.4294, -25.6225, -12.6893

Details

The YUV color **192.9350, 21.7240, -61.3330** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **167.0650, -21.7240, 61.3330**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, 10.7607, -44.8787**, and **136.0270, 22.1717, -64.9217** is the 20% darker color. If you saturate the color by 10%, you get **183.4110, 26.4194, -74.0284**, and if you desaturate by 10%, it is **202.4590, 17.0287, -48.6375**.

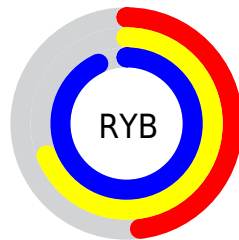
Distribution



Red (48%)

Green (86%)

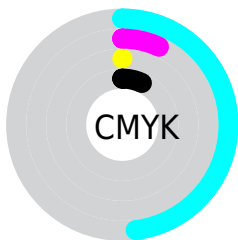
Blue (93%)



Red (48%)

Yellow (69%)

Blue (93%)

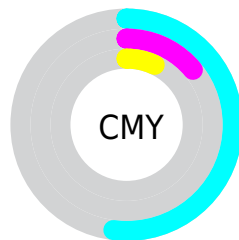


Cyan (48%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.9350, 21.7240, -61.3330 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 192.9350, 21.7240, -61.3330 by changing the saturation by 10% instead.

192.9350, 21.7240,
-61.3330

192.9350, 21.7240,
-61.3330

255.0000, 0.0000,
0.0000

164.3370, 22.0189,
-62.5625

233.1730, 10.7607,
-44.8787

136.0270, 22.1717,
-64.9217

241.8440, 6.4859,
-27.0502

104.2430, 24.5302,
-74.7581

250.8140, 2.0637,
-8.6069

80.9230, 23.2090,
-70.9695

63.3980, 19.5238,
-55.6000

46.5740, 15.9860,
-40.8454

31.0380, 12.3063,

-27.2203

■ 14.5560, 10.0789,
-12.7656

■ 1.2540, 4.8048,
-1.0998

■ 192.9350, 21.7240,
-61.3330

■ 192.9350, 21.7240,
-61.3330

■ 183.4110, 26.4194,
-74.0284

■ 202.4590, 17.0287,
-48.6375

■ 174.7730, 30.6779,
-86.6239

■ 211.0970, 12.7702,
-36.0421

■ 165.2490, 35.3732,
-99.3194

■ 220.6210, 8.0748,
-23.3466

■ 156.3120, 39.7792,
-112.5296

■ 229.5580, 3.6689,
-10.1364

■ 146.7880, 44.4745,
-125.2251

■ 239.0820, -1.0264,
2.5591

■ 145.5920, 45.0641,
-127.6842

■ 244.7300, -3.8109,
9.0068

■ 247.0780, -4.9685,
6.9476

■ 248.8390, -5.8366,
5.4032

■ 251.1870, -6.9942,
3.3440

Harmonies

Analogous

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



193.1350, 8.3144, -53.6154



192.9350, 21.7240, -61.3330



197.7330, 28.2326, -48.8778

Triad

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



192.9350, 21.7240, -61.3330



210.6030, 9.0697, 31.0432



204.1010, -26.6718, 14.8204

Complementary

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



192.9350, 21.7240, -61.3330



167.0650, -21.7240, 61.3330

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.



206.3900, -24.8423, 34.7380



192.9350, 21.7240, -61.3330



207.8680, -2.8929, 41.3348

Square

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



192.9350, 21.7240, -61.3330



209.1360, 20.6390, 6.8967



206.5510, -15.5546, 42.4898



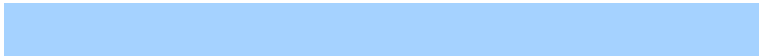
200.6680, -20.0493, -9.3558

Rectangle

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



192.9350, 21.7240, -61.3330



201.6750, 26.2892, -32.1640



206.5510, -15.5546, 42.4898



204.4440, -26.8409, 22.4126

Sweetspot

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



192.9350, 21.7240, -61.3330



241.3010, 6.7536, -19.5580



191.6280, -26.4386, -60.1868



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.



192.9350, 21.7240, -61.3330



197.8340, 28.1828, -79.6614



160.6500, 37.6405, -33.0191



113.1240, 1.9109, -6.2477



111.0320, 34.4942, -97.3751



33.1580, 10.2751, -29.0796

Inverse Universe

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



168.1440, 25.5650, 60.3867



165.6160, 33.2203, 78.3898



199.3500, -37.6405, 33.0191



110.4290, 2.7465, 5.7628



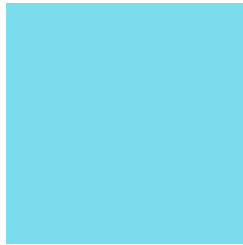
71.6750, 40.5862, 95.8780



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 192.9350, 21.7240, -61.3330 looks on a white background.

Color Contrast Check

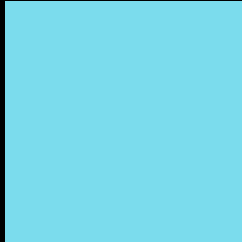
Large Text (above 18pt) WCAG AA × Fail

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 192.9350, 21.7240, -61.3330 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 192.9350, 21.7240, -61.3330

Background



This preview shows how black text looks on a background with the YUV color 192.9350, 21.7240, -61.3330.



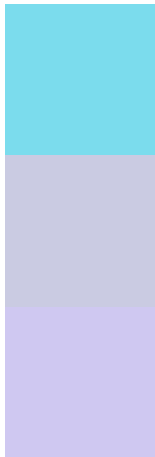
This preview shows how white text looks on a background with the YUV color 192.9350, 21.7240, -61.3330.

-61.3330.

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

192.9350, 21.7240, -61.3330

Protanopia

205.3230, 10.1938, -2.9143

Deuteranopia

206.7670, 16.8769, 0.2043



Tritanopia

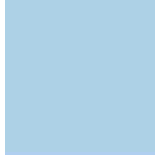
193.0490, 22.1608, -61.4330

Trichromacy



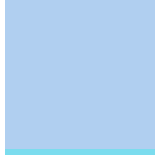
Original Color

192.9350, 21.7240, -61.3330



Protanomaly

200.6300, 14.4794, -24.2315



Deuteranomaly

201.4930, 18.9840, -22.3574



Tritanomaly

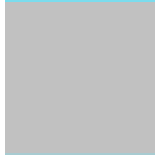
193.0490, 22.1608, -61.4330

Monochromacy



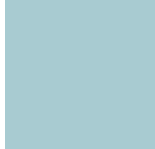
Original Color

192.9350, 21.7240, -61.3330



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.9350, 21.7240, -61.3330 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(123, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(123, 220, 237)  
}
```

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(123, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 220, 237) }
```

Border

The CSS property to change the border of an element to YUV 192.9350, 21.7240, -61.3330 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(123, 220, 237) }
```


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

```
.border{ border-color:rgb(123, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(123, 220,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 192.9350, 21.7240, -61.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 220, 237) }
```

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

```
.background{ background-color: rgb(123,  
220, 237) }
```

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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