

Converting Colors

YUV(195.9730, 20.7193,
-65.7513)

Have a look what the booklet for
YUV(195.9730, 20.7193, -65.7513)
contains.

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Color

**YUV(195.9730, 20.7193,
-65.7513)**

Conversions

Conversions Part 1

Format	Color
Hex	79E2EE
RGB	121, 226, 238
RGB Percent	47%, 89%, 93%
CMY	0.5255, 0.1137, 0.0667
CMYK	0.49, 0.05, 0.00, 0.07
HSL	186°, 77%, 70%
HSV	186°, 49%, 93%
XYZ	50.5141, 64.6307, 90.7015
YIQ	195.9730, -66.4320, -18.5280

Conversions

Conversions Part 2

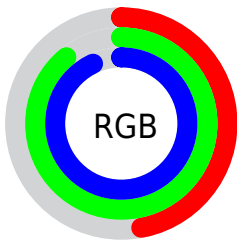
Format	Color
R_{YB}	121, 176, 238
Decimal	7987950
CIE _{Lab}	84.29, -27.29, -15.26
CIE _{LCh}	84, 31.270, 209.218
Yxy	64.6307, 0.2454, 0.3140
Android (android.graphics.Color)	4286178030 (0xFF79E2EE)
YUV	195.9730, 20.7193, -65.7513
Hunter-Lab	80.3932, -28.5298, -10.6171

Details

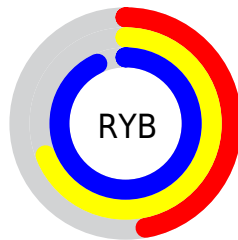
The YUV color **195.9730, 20.7193, -65.7513** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.0270, -20.7193, 65.7513**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **137.8800, 21.7512, -70.0548** is the 20% darker color. If you saturate the color by 10%, you get **187.6230, 24.8359, -79.4764**, and if you desaturate by 10%, it is **204.3230, 16.6028, -52.0263**.

Distribution



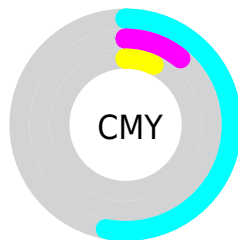
- Red (47%)
- Green (89%)
- Blue (93%)



- Red (47%)
- Yellow (69%)
- Blue (93%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9730, 20.7193, -65.7513 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 195.9730, 20.7193, -65.7513 by changing the saturation by 10% instead.

195.9730, 20.7193,
-65.7513

195.9730, 20.7193,
-65.7513

255.0000, 0.0000,
0.0000

167.3750, 21.0141,
-66.9809

232.5750, 11.0555,
-46.1083

137.8800, 21.7512,
-70.0548

241.5450, 6.6333,
-27.6650

103.9920, 25.1469,
-85.9390

250.5150, 2.2111,
-9.2217

83.9720, 22.1988,
-73.6434

66.4470, 18.5136,
-58.2740

49.6230, 14.9759,
-43.5194

33.5000, 11.5855,

-29.3795

■ 18.7790, 8.4900,
-16.4692

■ 2.0690, 5.3890,
-1.8145

■ 195.9730, 20.7193,
-65.7513

■ 195.9730, 20.7193,
-65.7513

■ 187.6230, 24.8359,
-79.4764

■ 204.3230, 16.6028,
-52.0263

■ 178.6860, 29.2418,
-92.6866

■ 213.2600, 12.1968,
-38.8160

■ 170.6350, 33.2109,
-105.7969

■ 221.3110, 8.2277,
-25.7057

■ 161.6980, 37.6169,
-119.0071

■ 230.2480, 3.8217,
-12.4955

■ 153.3480, 41.7334,
-132.7322

■ 238.5980, -0.2948,
1.2296

■ 152.7500, 42.0282,
-133.9617

■ 244.8440, -3.3741,
8.9068

■ 246.0180, -3.9529,
7.8772

■ 247.7790, -4.8210,
6.3328

■ 248.9530, -5.3998,
5.3032

Harmonies

Analogous

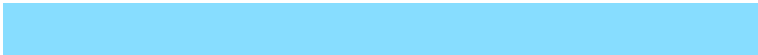
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.6250, 5.1149, -54.0451



195.9730, 20.7193, -65.7513



199.1620, 27.5281, -56.2701

Triad

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



195.9730, 20.7193, -65.7513



215.2050, 12.7169, 27.8842



208.6780, -28.4353, 20.4534

Complementary

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



195.9730, 20.7193, -65.7513



163.0270, -20.7193, 65.7513

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.



210.8250, -24.5637, 38.7415



195.9730, 20.7193, -65.7513



211.3560, 0.3175, 38.2758

Square

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



195.9730, 20.7193, -65.7513



212.2170, 21.0920, 1.5637



209.2240, -12.9284, 40.1456



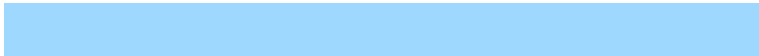
205.4900, -23.4126, -3.9377

Rectangle

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



195.9730, 20.7193, -65.7513



203.4030, 25.4373, -38.9414



209.2240, -12.9284, 40.1456



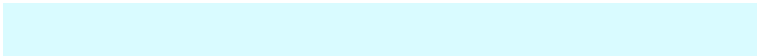
210.1350, -28.1676, 27.9456

Sweetspot

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



195.9730, 20.7193, -65.7513



241.2900, 6.7590, -21.3023



191.0470, -28.6172, -61.4312



119.3620, 4.2585, -12.5955



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.



195.9730, 20.7193, -65.7513



201.3450, 26.4519, -84.4946



161.9270, 37.5040, -35.8930



115.8250, 2.0583, -6.8625



117.8310, 32.6213, -103.3378



35.7340, 9.9911, -31.3387

Inverse Universe

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



167.9530, 28.6172, 61.4312



165.2400, 36.8567, 78.7195



197.0730, -37.5040, 35.8930



112.8420, 3.0359, 6.2776



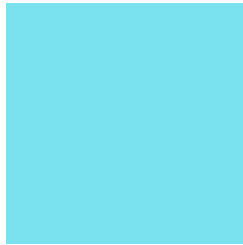
73.8260, 44.9488, 96.6226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 195.9730, 20.7193, -65.7513 looks on a white background.

Color Contrast Check

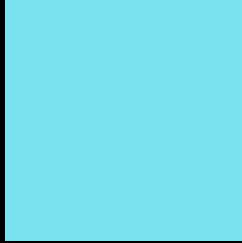
Large Text (above 18pt) WCAG AA × Fail

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 195.9730, 20.7193, -65.7513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

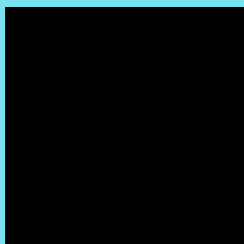
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

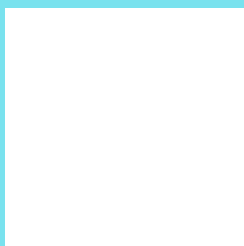
Any Text WCAG AAA ✓ Pass

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

YUV 195.9730, 20.7193, -65.7513 Background



This preview shows how black text looks on a background with the YUV color 195.9730, 20.7193, -65.7513.



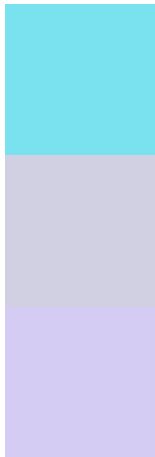
This preview shows how white text looks on a background with the YUV color 195.9730, 20.7193, -65.7513.

-65.7513.

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

195.9730, 20.7193, -65.7513

Protanopia

210.0520, 7.8624, -1.7996

Deuteranopia

211.1370, 15.7085, 1.6339



Tritanopia

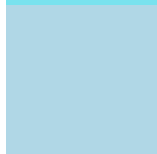
196.5540, 22.8979, -64.5069

Trichromacy



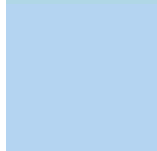
Original Color

195.9730, 20.7193, -65.7513



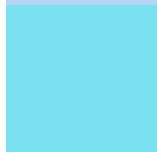
Protanomaly

205.0490, 12.3008, -25.4760



Deuteranomaly

205.7380, 17.3842, -22.5722



Tritanomaly

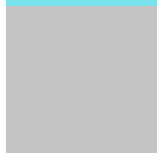
196.0270, 22.1717, -64.9217

Monochromacy



Original Color

195.9730, 20.7193, -65.7513



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9730, 20.7193, -65.7513 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(121, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(121, 226, 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(121, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 226, 238) }
```

Border

The CSS property to change the border of an element to YUV 195.9730, 20.7193, -65.7513 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(121, 226, 238) }
```


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

```
.border{ border-color:rgb(121, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(121, 226,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 195.9730, 20.7193, -65.7513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 226, 238) }
```

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

```
.background{ background-color: rgb(121,  
226, 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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