

Converting Colors

YUV(189.6710, 32.2072,
-63.7325)

Have a look what the booklet for
YUV(189.6710, 32.2072, -63.7325)
contains.

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Color

**YUV(189.6710, 32.2072,
-63.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	75D6FF
RGB	117, 214, 255
RGB Percent	46%, 84%, 100%
CMY	0.5412, 0.1608, 0.0000
CMYK	0.54, 0.16, 0.00, 0.00
HSL	198°, 100%, 73%
HSV	198°, 54%, 100%
XYZ	49.4327, 59.0950, 103.4088
YIQ	189.6710, -70.9730, -7.8130

Conversions

Conversions Part 2

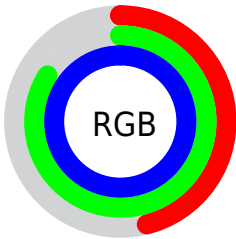
Format	Color
RYB	117, 174, 255
Decimal	7722751
CIELab	81.34, -17.49, -28.76
CIELCh	81, 33.658, 238.691
Yxy	59.0950, 0.2332, 0.2788
Android (android.graphics.Color)	4285912831 (0xFF75D6FF)
YUV	189.6710, 32.2072, -63.7325
Hunter-Lab	76.8733, -19.7455, -25.9447

Details

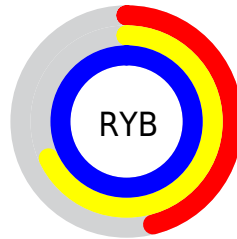
The YUV color **189.6710, 32.2072, -63.7325** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.3290, -32.2072, 63.7325**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **130.8550, 33.1025, -70.9098** is the 20% darker color. If you saturate the color by 10%, you get **177.2010, 38.3549, -75.5983**, and if you desaturate by 10%, it is **202.1410, 26.0595, -51.8667**.

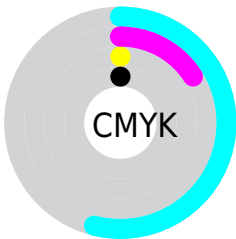
Distribution



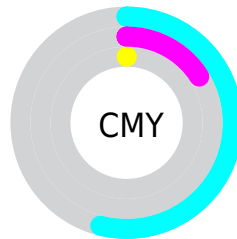
- Red (46%)
- Green (84%)
- Blue (100%)



- Red (46%)
- Yellow (68%)
- Blue (100%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6710, 32.2072, -63.7325 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 189.6710, 32.2072, -63.7325 by changing the saturation by 10% instead.

■ 189.6710, 32.2072,
-63.7325

■ 189.6710, 32.2072,
-63.7325

■ 255.0000, 0.0000,
0.0000

■ 160.6600, 32.2126,
-65.4768

■ 231.6780, 11.4977,
-47.9526

■ 130.8550, 33.1025,
-70.9098

■ 240.6480, 7.0755,
-29.5093

■ 97.5650, 36.2035,
-85.5645

■ 249.6180, 2.6533,
-11.0660

■ 79.8120, 31.6447,
-69.9951

■ 62.1730, 27.5227,
-54.5257

■ 45.8220, 23.2588,
-40.1859

■ 30.2860, 19.5790,

-26.5608

■ 12.9890, 16.7674,
-11.3914

■ 3.5510, 11.0674,
-3.1142

■ 189.6710, 32.2072,
-63.7325

■ 189.6710, 32.2072,
-63.7325

■ 177.2010, 38.3549,
-75.5983

■ 202.1410, 26.0595,
-51.8667

■ 165.6170, 44.0658,
-87.3641

■ 213.7250, 20.3486,
-40.1008

■ 153.1470, 50.2135,
-99.2299

■ 226.1950, 14.2009,
-28.2350

■ 141.5630, 55.9244,
-110.9958

■ 237.7790, 8.4900,
-16.4692

■ 134.1430, 59.5825,
-117.6434

■ 249.9500, 2.4897,
-5.2181

255.0000, 0.0000,
0.0000

Harmonies

Analogous

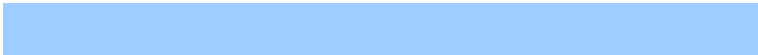
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.0860, 22.6356, -73.7434



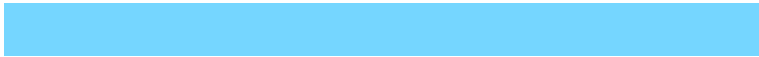
189.6710, 32.2072, -63.7325



196.9460, 28.6206, -33.2786

Triad

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



189.6710, 32.2072, -63.7325



204.6880, 0.1538, 44.1236



196.7350, -25.0124, -4.1526

Complementary

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



189.6710, 32.2072, -63.7325



182.3290, -32.2072, 63.7325

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.



200.8200, -30.4773, 22.0829



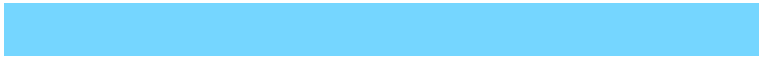
189.6710, 32.2072, -63.7325



202.2140, -14.4025, 46.2933

Square

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



189.6710, 32.2072, -63.7325



206.8570, 13.8745, 29.9434



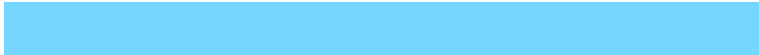
202.9780, -26.6112, 42.1153



192.5880, -12.1219, -32.0877

Rectangle

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



189.6710, 32.2072, -63.7325



202.1060, 26.0767, -10.6170



202.9780, -26.6112, 42.1153



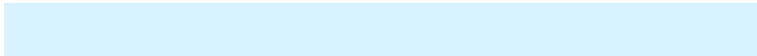
198.1060, -27.6603, 5.1690

Sweetspot

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



189.6710, 32.2072, -63.7325



235.6970, 9.5164, -19.0283



202.4520, -22.9008, -74.9414



115.8290, 6.0003, -11.2510



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.



189.6710, 32.2072, -63.7325



176.6030, 38.6497, -76.8278



150.3420, 51.5964, -29.2409



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645

Inverse Universe

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



169.3200, 22.0272, 75.1414



151.9720, 26.6358, 90.3556



221.6580, -51.5964, 29.2409



119.9130, 2.0149, 7.0923



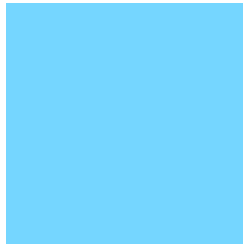
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 189.6710, 32.2072, -63.7325 looks on a white background.

Color Contrast Check

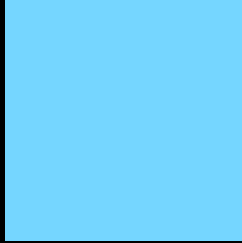
Large Text (above 18pt) WCAG AA × Fail

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 189.6710, 32.2072, -63.7325 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

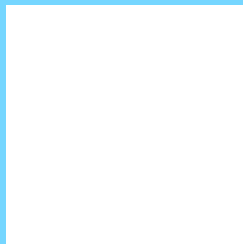
Any Text WCAG AAA ✓ Pass

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

YUV 189.6710, 32.2072, -63.7325 Background



This preview shows how black text looks on a background with the YUV color 189.6710, 32.2072, -63.7325.



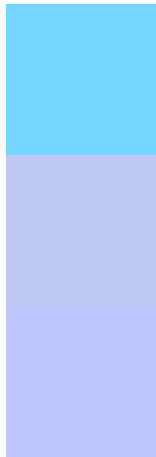
This preview shows how white text looks on a background with the YUV color 189.6710, 32.2072, -63.7325.

-63.7325.

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

189.6710, 32.2072, -63.7325

Protanopia

201.7380, 20.8352, -9.4172

Deuteranopia

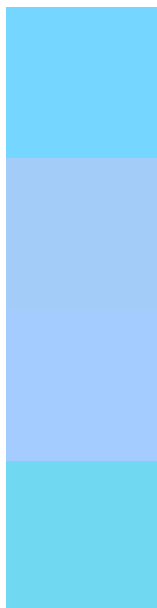
202.4050, 25.9293, -10.0022



Tritanopia

187.0590, 23.6349, -67.5807

Trichromacy



Original Color

189.6710, 32.2072, -63.7325

Protanomaly

197.0560, 25.1154, -28.9901

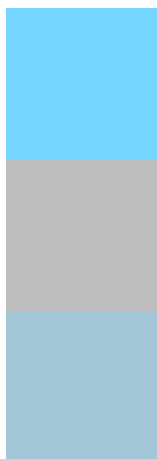
Deuteranomaly

197.8540, 28.1730, -29.6900

Tritanomaly

188.1670, 26.5397, -65.9215

Monochromacy



Original Color

189.6710, 32.2072, -63.7325

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9460, 11.8586, -23.6316

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6710, 32.2072, -63.7325 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(117, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 214, 255)  
}
```

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(117, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 214, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.6710, 32.2072, -63.7325 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(117, 214, 255) }
```


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

```
.border{ border-color:rgb(117, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 214, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 214, 255); box-shadow:4px 4px 4px 4px rgb(117, 214, 255) }
```

Background

The CSS property to change the background color of an element to YUV 189.6710, 32.2072, -63.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 214, 255) }
```

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

```
.background{ background-color: rgb(117,  
214, 255) }
```

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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