

Converting Colors

YUV(169.7370, 32.1747,
-53.2663)

Have a look what the booklet for
YUV(169.7370, 32.1747, -53.2663)
contains.

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Color

**YUV(169.7370, 32.1747,
-53.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBCEB
RGB	109, 188, 235
RGB Percent	43%, 74%, 92%
CMY	0.5725, 0.2627, 0.0784
CMYK	0.54, 0.20, 0.00, 0.08
HSL	202°, 76%, 67%
HSV	202°, 54%, 92%
XYZ	39.2853, 45.2158, 85.2542
YIQ	169.7370, -62.1710, -2.1310

Conversions

Conversions Part 2

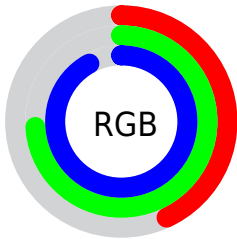
Format	Color
RYB	109, 158, 235
Decimal	7191787
CIELab	73.03, -11.32, -30.83
CIElCh	73, 32.843, 249.844
Yxy	45.2158, 0.2314, 0.2664
Android (android.graphics.Color)	4285381867 (0xFF6DBCEB)
YUV	169.7370, 32.1747, -53.2663
Hunter-Lab	67.2427, -13.3894, -28.1014

Details

The YUV color **169.7370, 32.1747, -53.2663** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.2630, -32.1747, 53.2663**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5300, 16.0077, -47.8228**, and **112.8070, 32.6331, -60.3437** is the 20% darker color. If you saturate the color by 10%, you get **157.5770, 38.1695, -62.7730**, and if you desaturate by 10%, it is **181.8970, 26.1798, -43.7597**.

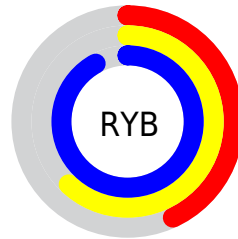
Distribution



Red (43%)

Green (74%)

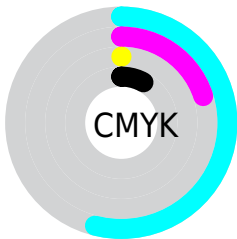
Blue (92%)



Red (43%)

Yellow (62%)

Blue (92%)

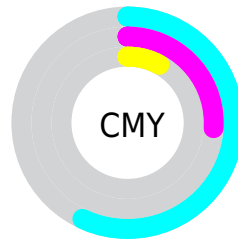


Cyan (54%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7370, 32.1747, -53.2663 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 169.7370, 32.1747, -53.2663 by changing the saturation by 10% instead.

■ 169.7370, 32.1747,
-53.2663

■ 169.7370, 32.1747,
-53.2663

■ 255.0000, 0.0000,
0.0000

■ 141.7260, 32.1801,
-55.0107

■ 222.5300, 16.0077,
-47.8228

■ 112.8070, 32.6331,
-60.3437

■ 237.6580, 8.5496,
-35.6571

■ 81.8980, 34.5603,
-71.8245

■ 246.6280, 4.1274,
-17.2138

■ 64.2590, 30.4383,
-56.3551

■ 47.9080, 26.1744,
-42.0153

■ 32.2580, 22.0578,
-28.2903

■ 18.4830, 17.5099,

-16.2096

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 169.7370, 32.1747,
-53.2663

■ 169.7370, 32.1747,
-53.2663

■ 157.5770, 38.1695,
-62.7730

■ 181.8970, 26.1798,
-43.7597

■ 145.1180, 44.3118,
-72.8945

■ 194.3560, 20.0375,
-33.6382

■ 133.2460, 50.1647,
-83.5307

■ 206.2280, 14.1846,
-23.0020

■ 121.0860, 56.1596,
-93.0374

■ 218.3880, 8.1897,
-13.4953

■ 113.0790, 60.1071,
-99.1703

■ 230.8470, 2.0474,
-3.3738

■ 243.0070, -3.9475,
6.1329

■ 249.1980, -6.9996,
5.0884

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



162.5360, 26.8508, -72.3841



169.7370, 32.1747, -53.2663



178.2510, 29.4563, -21.2681

Triad

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



169.7370, 32.1747, -53.2663



183.0000, -6.4090, 49.1120



172.9340, -20.1805, -13.9741

Complementary

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



169.7370, 32.1747, -53.2663



174.2630, -32.1747, 53.2663

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.



176.7370, -27.9713, 11.6317



169.7370, 32.1747, -53.2663



180.9600, -19.2073, 47.3931

Square

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



169.7370, 32.1747, -53.2663



183.8210, 8.4692, 36.9910



178.9940, -27.6050, 34.2083



168.3680, -5.1114, -40.6647

Rectangle

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



169.7370, 32.1747, -53.2663



182.0150, 24.1496, 0.8638



178.9940, -27.6050, 34.2083



174.0770, -23.7020, -4.4525

Sweetspot

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



169.7370, 32.1747, -53.2663



233.9360, 10.3846, -17.4839



188.2060, -16.3706, -69.4637



114.6550, 6.5791, -10.2214



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.



169.7370, 32.1747, -53.2663



170.4560, 41.6802, -68.8059



133.3430, 50.1169, -21.3488



111.3630, 2.7790, -4.7034



87.5520, 46.0699, -76.7831



26.1140, 13.7478, -22.9020

Inverse Universe

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



155.6800, 15.9338, 69.5636



152.3650, 20.5261, 90.0109



210.6570, -50.1169, 21.3488



110.0870, 1.4361, 6.0627



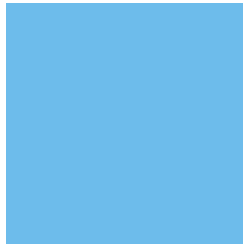
67.1150, 23.1143, 99.8771



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 169.7370, 32.1747, -53.2663 looks on a white background.

Color Contrast Check

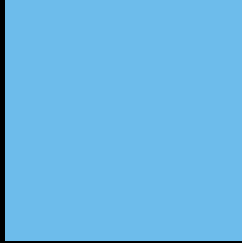
Large Text (above 18pt) WCAG AA × Fail

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 169.7370, 32.1747, -53.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

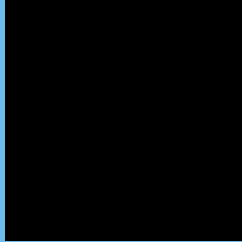
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7370, 32.1747, -53.2663

Background



This preview shows how black text looks on a background with the YUV color 169.7370, 32.1747, -53.2663.



This preview shows how white text looks on a background with the YUV color 169.7370, 32.1747, -53.2663.

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

169.7370, 32.1747, -53.2663

Protanopia

178.8240, 23.7508, -11.2466

Deuteranopia

179.1810, 28.9978, -14.1907



Tritanopia

166.6040, 20.4082, -59.2887

Trichromacy



Original Color

169.7370, 32.1747, -53.2663

Protanomaly

175.2350, 26.9991, -26.5161

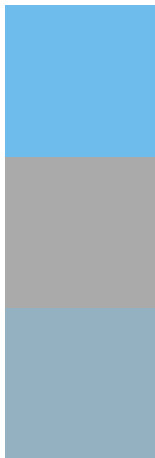
Deuteranomaly

175.4350, 30.3515, -28.4455

Tritanomaly

167.7660, 24.7654, -56.7998

Monochromacy



Original Color

169.7370, 32.1747, -53.2663

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2670, 11.7004, -19.5282

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7370, 32.1747, -53.2663 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(109, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(109, 188, 235)  
}
```

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(109, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 188, 235) }
```

Border

The CSS property to change the border of an element to YUV 169.7370, 32.1747, -53.2663 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(109, 188, 235) }
```


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

```
.border{ border-color:rgb(109, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(109, 188,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 169.7370, 32.1747, -53.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 188, 235) }
```

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

```
.background{ background-color: rgb(109,  
188, 235) }
```

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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