

Converting Colors

YUV(168.7790, 31.6610,
-75.2282)

Have a look what the booklet for
YUV(168.7790, 31.6610, -75.2282)
contains.

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Color

**YUV(168.7790, 31.6610,
-75.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	53C8E9
RGB	83, 200, 233
RGB Percent	33%, 78%, 91%
CMY	0.6745, 0.2157, 0.0863
CMYK	0.64, 0.14, 0.00, 0.09
HSL	193°, 77%, 62%
HSV	193°, 64%, 91%
XYZ	38.9295, 49.0307, 84.5029
YIQ	168.7790, -80.3250, -14.5410

Conversions

Conversions Part 2

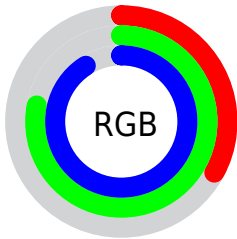
Format	Color
R _Y B	83, 149, 233
Decimal	5490921
CIE Lab	75.47, -22.95, -26.09
CIE LCh	75, 34.744, 228.664
Yxy	49.0307, 0.2257, 0.2843
Android (android.graphics.Color)	4283681001 (0xFF53C8E9)
YUV	168.7790, 31.6610, -75.2282
Hunter-Lab	70.0220, -23.2992, -22.5361

Details

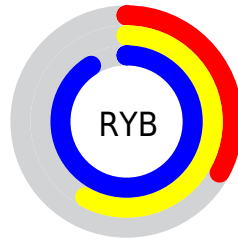
The YUV color **168.7790, 31.6610, -75.2282** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **147.2210, -31.6610, 75.2282**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **105.8800, 35.0622, -92.8568** is the 20% darker color. If you saturate the color by 10%, you get **158.9670, 36.4983, -86.7941**, and if you desaturate by 10%, it is **178.5910, 26.8236, -63.6623**.

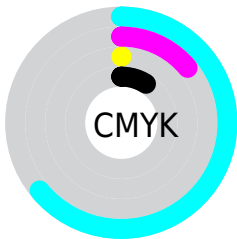
Distribution



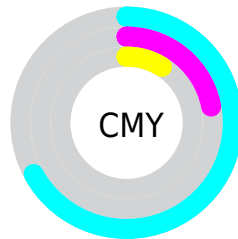
- Red (33%)
- Green (78%)
- Blue (91%)



- Red (33%)
- Yellow (58%)
- Blue (91%)



- Cyan (64%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7790, 31.6610, -75.2282 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 168.7790, 31.6610, -75.2282 by changing the saturation by 10% instead.

168.7790, 31.6610,
-75.2282

168.7790, 31.6610,
-75.2282

255.0000, 0.0000,
0.0000

138.0770, 32.9930,
-82.5055

222.7080, 15.9200,
-66.3959

105.8800, 35.0622,
-92.8568

231.6780, 11.4977,
-47.9526

87.5400, 30.7928,
-76.7726

240.9470, 6.9281,
-28.8945

70.0150, 27.1076,
-61.4032

249.9170, 2.5059,
-10.4512

52.9630, 22.6962,
-46.4486

36.7260, 18.8691,
-32.2087

22.9510, 14.3212,

-20.1280

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 168.7790, 31.6610,
-75.2282

■ 168.7790, 31.6610,
-75.2282

■ 158.9670, 36.4983,
-86.7941

■ 178.5910, 26.8236,
-63.6623

■ 148.8560, 41.4830,
-98.9747

■ 188.7020, 21.8389,
-51.4817

■ 139.0440, 46.3203,
-110.5406

■ 198.5140, 17.0016,
-39.9158

■ 133.3960, 49.1048,
-116.9883

■ 208.9130, 11.8749,
-28.8647

■ 219.0240, 6.8902,
-16.6840

■ 228.8360, 2.0529,
-5.1182

■ 238.6480, -2.7845,
6.4477

■ 244.2740, -5.5581,
9.4067

■ 247.2090, -7.0050,
6.8327

Harmonies

Analogous

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



166.7500, 18.8573, -75.2027



168.7790, 31.6610, -75.2282



178.6390, 34.1950, -47.9184

Triad

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



168.7790, 31.6610, -75.2282



190.4260, 4.2270, 44.3534



181.9920, -28.0971, 5.2690

Complementary

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



168.7790, 31.6610, -75.2282



147.2210, -31.6610, 75.2282

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.



185.1630, -30.6464, 29.6750



168.7790, 31.6610, -75.2282



188.8820, -10.7878, 53.6005

Square

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



168.7790, 31.6610, -75.2282



190.6540, 18.4116, 21.3514



187.1080, -23.7172, 47.2633



177.6770, -17.0958, -23.3957

Rectangle

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



168.7790, 31.6610, -75.2282



184.5110, 31.7931, -24.1271



187.1080, -23.7172, 47.2633



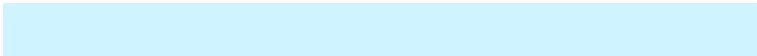
183.1780, -30.1608, 13.8759

Sweetspot

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



168.7790, 31.6610, -75.2282



234.1910, 10.2588, -23.8465



174.8120, -28.9943, -80.5191



114.9210, 6.4479, -14.8397



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.



168.7790, 31.6610, -75.2282



171.1550, 41.3356, -98.3599



125.3410, 53.0759, -37.1331



112.5370, 2.2003, -5.7329



103.4010, 38.2563, -90.6827



30.8100, 11.4327, -27.0204

Inverse Universe

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



141.1880, 28.9943, 80.5191



135.0460, 37.9383, 105.1997



191.2460, -53.3653, 36.6183



110.3150, 2.3097, 5.8627



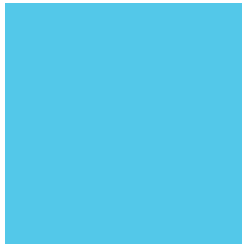
70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 168.7790, 31.6610, -75.2282 looks on a white background.

Color Contrast Check

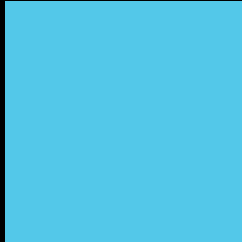
Large Text (above 18pt) WCAG AA × Fail

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 168.7790, 31.6610, -75.2282 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 168.7790, 31.6610, -75.2282

Background



This preview shows how black text looks on a background with the YUV color 168.7790, 31.6610, -75.2282.



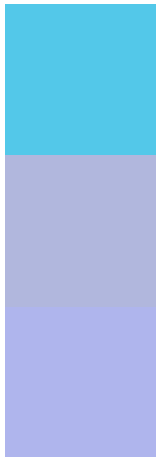
This preview shows how white text looks on a background with the YUV color 168.7790, 31.6610, -75.2282.

-75.2282.

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

168.7790, 31.6610, -75.2282

Protanopia

185.5380, 17.4828, -7.4878

Deuteranopia

185.5900, 25.3451, -9.2874



Tritanopia

166.2640, 25.9988, -79.1615

Trichromacy



Original Color

168.7790, 31.6610, -75.2282

Protanomaly

179.3500, 22.5055, -31.8789

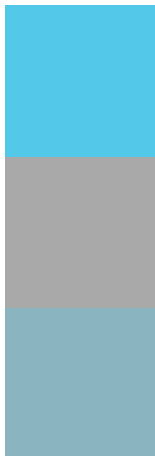
Deuteranomaly

179.7180, 27.7470, -33.0787

Tritanomaly

167.1440, 28.0300, -77.3023

Monochromacy



Original Color

168.7790, 31.6610, -75.2282

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8100, 11.4327, -27.0204

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7790, 31.6610, -75.2282 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(83, 200, 233)` looks like.

```
.text, #text, p{  
    color:rgb(83, 200, 233)  
}
```

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(83, 200, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 200, 233) }
```

Border

The CSS property to change the border of an element to YUV 168.7790, 31.6610, -75.2282 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(83, 200, 233) }
```


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

```
.border{ border-color:rgb(83, 200, 233) }
```

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

Here you see how a box with a 4 pixel rgb(83, 200, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 200, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 200, 233);  
box-shadow:4px 4px 4px 4px rgb(83, 200,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 168.7790, 31.6610, -75.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 200, 233) }
```

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

```
.background{ background-color: rgb(83, 200,  
233) }
```

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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