

Converting Colors

YUV(195.3090, -15.9283,
-71.3080)

Have a look what the booklet for
YUV(195.3090, -15.9283, -71.3080)
contains.

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Color

**YUV(195.3090, -15.9283,
-71.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	72F3A3
RGB	114, 243, 163
RGB Percent	45%, 95%, 64%
CMY	0.5529, 0.0471, 0.3608
CMYK	0.53, 0.00, 0.33, 0.05
HSL	143°, 84%, 70%
HSV	143°, 53%, 95%
XYZ	45.6009, 70.3229, 45.8206
YIQ	195.3090, -51.2040, -52.2280

Conversions

Conversions Part 2

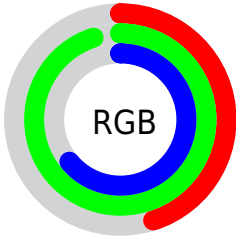
Format	Color
RYB	114, 207, 243
Decimal	7533475
CIELab	87.16, -53.21, 27.98
CIELCh	87, 60.116, 152.264
Yxy	70.3229, 0.2819, 0.4348
Android (android.graphics.Color)	4285723555 (0xFF72F3A3)
YUV	195.3090, -15.9283, -71.3080
Hunter-Lab	83.8588, -49.6878, 26.3050

Details

The YUV color **195.3090, -15.9283, -71.3080** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **161.6910, 15.9283, 71.3080**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2640, -4.0742, -46.7125**, and **136.1880, -12.4177, -77.3409** is the 20% darker color. If you saturate the color by 10%, you get **186.4230, -18.9425, -84.5630**, and if you desaturate by 10%, it is **204.1950, -12.9141, -58.0530**.

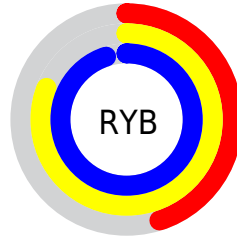
Distribution



Red (45%)

Green (95%)

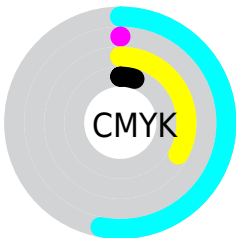
Blue (64%)



Red (45%)

Yellow (81%)

Blue (95%)

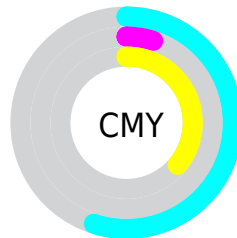


Cyan (53%)

Magenta (0%)

Yellow (33%)

Black (5%)



Cyan (55%)

Magenta (5%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3090, -15.9283, -71.3080 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 195.3090, -15.9283, -71.3080 by changing the saturation by 10% instead.

■ 195.3090,
-15.9283, -71.3080

■ 195.3090,
-15.9283, -71.3080

255.0000, 0.0000,
0.0000

■ 165.9390,
-14.7599, -72.7375

■ 226.2640, -4.0742,
-46.7125

■ 136.1880,
-12.4177, -77.3409

■ 238.5400, 4.1708,
-31.1686

■ 102.5500, -8.1591,
-89.9364

■ 248.4220, 3.2430,
-13.5251

■ 83.9650, -10.8287,
-73.6373

■ 65.9670, -13.7877,
-57.8531

■ 48.6700, -16.5993,
-42.6836

■ 32.8720, -16.2059,

-28.8287

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 195.3090,
-15.9283, -71.3080

■ 195.3090,
-15.9283, -71.3080

■ 186.4230,
-18.9425, -84.5630

■ 204.1950,
-12.9141, -58.0530

■ 177.2380,
-21.8093, -98.4327

■ 213.3800,
-10.0473, -44.1833

■ 168.3520,
-24.8235, -111.6877

■ 222.2660, -7.0331,
-30.9283

■ 159.4660,
-27.8377, -124.9427

■ 231.1520, -4.0189,
-17.6733

■ 153.1290,
-30.1366, -134.2941

■ 240.0380, -1.0047,
-4.4183

■ 247.7280, 2.5991,
6.3775

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



206.7340, -43.7459, -15.5527



195.3090, -15.9283, -71.3080



170.1830, 25.0528, -149.2505

Triad

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



195.3090, -15.9283, -71.3080



197.3460, 28.4234, -63.4474



198.3840, -18.9233, 49.6522

Complementary

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



195.3090, -15.9283, -71.3080



161.6910, 15.9283, 71.3080

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.



200.6590, 7.5631, 47.6571



195.3090, -15.9283, -71.3080



215.8160, 19.3177, 10.6854

Square

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



195.3090, -15.9283, -71.3080



168.7760, 42.5084, -148.0166



211.5620, 21.4149, 38.0951



204.7490, -42.7673, 44.0701

Rectangle

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



195.3090, -15.9283, -71.3080



174.0590, 39.9039, -152.6497



211.5620, 21.4149, 38.0951



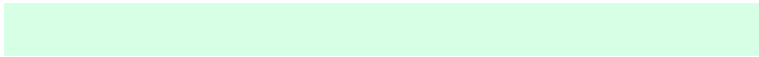
198.0880, -9.9034, 49.9118

Sweetspot

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



195.3090, -15.9283, -71.3080



239.8910, -4.8763, -22.7064



214.2410, -49.4188, -15.9974



118.7010, -3.3036, -13.7698



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.



195.3090, -15.9283, -71.3080



194.7490, -20.0893, -90.1109



202.4910, 11.5899, -77.6066



117.6140, -1.2887, -6.6775



117.2760, -22.8141, -102.8511



37.1410, -7.4645, -32.5727

Inverse Universe

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



161.6910, 15.9283, 71.3080



152.2510, 20.0893, 90.1109



154.5090, -11.5899, 77.6066



114.5000, 1.7255, 6.5775



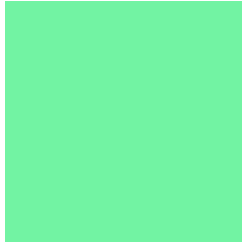
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 195.3090, -15.9283, -71.3080 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 195.3090, -15.9283, -71.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

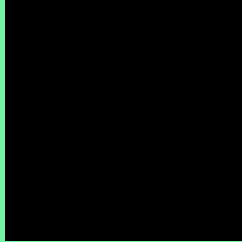
Any Text WCAG AA ✓ Pass

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 195.3090, -15.9283, -71.3080 Background



This preview shows how black text looks on a background with the YUV color 195.3090, -15.9283, -71.3080.



This preview shows how white text looks on a background with the YUV color 195.3090, -15.9283, -71.3080.

-71.3080.

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

195.3090, -15.9283, -71.3080

Protanopia

214.6730, -30.8978, 16.9498

Deuteranopia

217.2370, -22.7948, 31.3642



Tritanopia

205.7610, 22.3028, -60.3034

Trichromacy



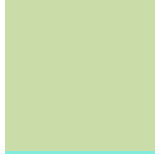
Original Color

195.3090, -15.9283, -71.3080



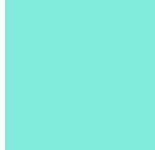
Protanomaly

207.2560, -25.2692, -15.1335



Deuteranomaly

209.2770, -20.3496, -6.3819



Tritanomaly

202.0690, 8.3470, -64.0815

Monochromacy



Original Color

195.3090, -15.9283, -71.3080



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9400, -5.8864, -25.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3090, -15.9283, -71.3080 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(114, 243, 163)` looks like.

```
.text, #text, p{  
    color:rgb(114, 243, 163)  
}
```

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(114, 243, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 243, 163) }
```

Border

The CSS property to change the border of an element to YUV 195.3090, -15.9283, -71.3080 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(114, 243, 163) }
```


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

```
.border{ border-color:rgb(114, 243, 163) }
```

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

Here you see how a box with a 4 pixel rgb(114, 243, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 243, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 243, 163);  
box-shadow:4px 4px 4px 4px rgb(114, 243,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 195.3090, -15.9283, -71.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 243, 163) }
```

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

```
.background{ background-color: rgb(114,  
243, 163) }
```

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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