

Converting Colors

YUV(193.6110, -10.6542,
-82.9738)

Have a look what the booklet for
YUV(193.6110, -10.6542, -82.9738)
contains.

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Color

**YUV(193.6110, -10.6542,
-82.9738)**

Conversions

Conversions Part 1

Format	Color
Hex	63F6AC
RGB	99, 246, 172
RGB Percent	39%, 96%, 67%
CMY	0.6118, 0.0353, 0.3255
CMYK	0.60, 0.00, 0.30, 0.04
HSL	150°, 89%, 68%
HSV	150°, 60%, 96%
XYZ	45.5478, 71.5427, 50.4382
YIQ	193.6110, -63.8580, -54.1780

Conversions

Conversions Part 2

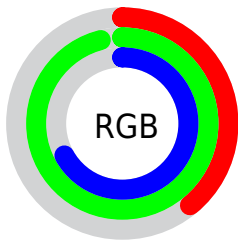
Format	Color
RYB	99, 197, 246
Decimal	6551212
CIELab	87.75, -55.92, 24.13
CIELCh	88, 60.900, 156.662
Yxy	71.5427, 0.2719, 0.4270
Android (android.graphics.Color)	4284741292 (0xFF63F6AC)
YUV	193.6110, -10.6542, -82.9738
Hunter-Lab	84.5829, -51.8982, 23.8524

Details

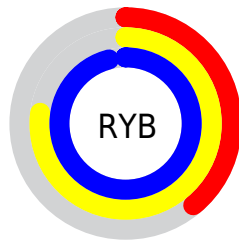
The YUV color **193.6110, -10.6542, -82.9738** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **151.3890, 10.6542, 82.9738**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8160, 2.0627, -55.0896**, and **127.4990, -4.1900, -103.0466** is the 20% darker color. If you saturate the color by 10%, you get **184.7680, -12.2106, -97.1435**, and if you desaturate by 10%, it is **202.4540, -9.0978, -68.8042**.

Distribution



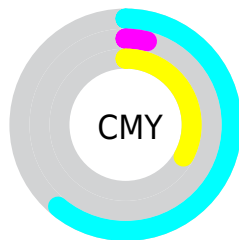
- Red (39%)
- Green (96%)
- Blue (67%)



- Red (39%)
- Yellow (77%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (61%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6110, -10.6542, -82.9738 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 193.6110, -10.6542, -82.9738 by changing the saturation by 10% instead.

■ 193.6110,
-10.6542, -82.9738

■ 193.6110,
-10.6542, -82.9738

■ 255.0000, 0.0000,
0.0000

■ 163.3440, -9.0436,
-86.2477

■ 223.8160, 2.0627,
-55.0896

■ 127.4990, -4.1900,
-103.0466

■ 235.8640, 9.4340,
-39.3457

■ 105.2230, -5.5329,
-92.2806

■ 245.1330, 4.8644,
-20.2876

■ 86.6380, -8.2025,
-75.9815

■ 254.1030, 0.4422,
-1.8443

■ 68.1670, -10.4353,
-59.7825

■ 50.9840, -12.8101,
-44.7130

■ 33.4590, -16.4953,

-29.3435

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 193.6110,
-10.6542, -82.9738

■ 193.6110,
-10.6542, -82.9738

■ 184.7680,
-12.2106, -97.1435

■ 202.4540, -9.0978,
-68.8042

■ 176.1100,
-14.3512, -110.5985

■ 211.1120, -6.9572,
-55.3492

■ 167.2670,
-15.9076, -124.7682

■ 219.9550, -5.4008,
-41.1795

■ 158.6090,
-18.0482, -138.2231

■ 228.6130, -3.2602,
-27.7246

■ 158.3100,
-17.9008, -138.8379

■ 237.4560, -1.7038,
-13.5549

■ 246.2990, -0.1474,
0.6148

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



207.2600, -41.5402, -23.0300



193.6110, -10.6542, -82.9738



173.1980, 28.9894, -151.8946

Triad

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



193.6110, -10.6542, -82.9738



202.4400, 25.9121, -51.2519



199.4610, -22.4123, 48.7077

Complementary

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



193.6110, -10.6542, -82.9738



151.3890, 10.6542, 82.9738

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.



200.4480, 4.2161, 47.8421



193.6110, -10.6542, -82.9738



218.8280, 17.8328, 20.3218

Square

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



193.6110, -10.6542, -82.9738



168.7760, 42.5084, -148.0166



210.3880, 21.9937, 39.1247



207.1140, -46.3982, 41.9960

Rectangle

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



193.6110, -10.6542, -82.9738



175.2330, 39.3251, -153.6793



210.3880, 21.9937, 39.1247



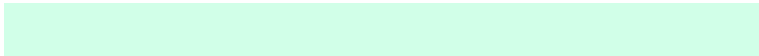
199.0510, -13.8291, 49.0673

Sweetspot

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



193.6110, -10.6542, -82.9738



238.6240, -3.2656, -25.9802



208.0130, -53.7434, -28.9524



117.6190, -2.2772, -16.3289



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.



193.6110, -10.6542, -82.9738



189.4960, -13.0625, -103.9210



201.8190, 20.7952, -90.1723



117.7280, -0.8519, -6.7775



119.6700, -13.6413, -104.9506



37.9390, -4.4069, -33.2725

Inverse Universe

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



151.3890, 10.6542, 82.9738



136.6180, 13.4993, 103.8210



143.1810, -20.7952, 90.1723



114.2720, 0.8519, 6.7775



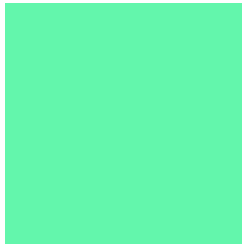
66.3300, 13.6413, 104.9506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 193.6110, -10.6542, -82.9738 looks on a white background.

Color Contrast Check

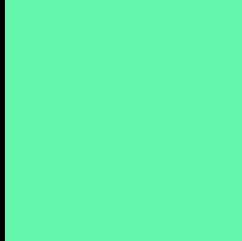
Large Text (above 18pt) WCAG AA × Fail

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 193.6110, -10.6542, -82.9738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

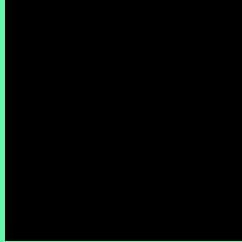
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

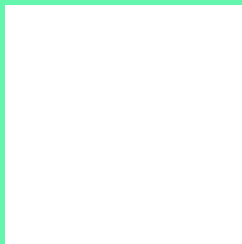
Any Text WCAG AAA ✓ Pass

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

YUV 193.6110, -10.6542, -82.9738 Background



This preview shows how black text looks on a background with the YUV color 193.6110, -10.6542, -82.9738.



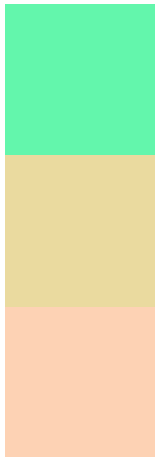
This preview shows how white text looks on a background with the YUV color 193.6110, -10.6542, -82.9738.

-82.9738.

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

193.6110, -10.6542, -82.9738

Protanopia

216.0580, -28.1296, 15.7351

Deuteranopia

219.4370, -19.4424, 29.4348



Tritanopia

204.3900, 24.9507, -69.6250

Trichromacy



Original Color

193.6110, -10.6542, -82.9738



Protanomaly

207.8470, -21.6166, -20.0368



Deuteranomaly

209.9820, -16.2601, -11.3852



Tritanomaly

200.6270, 12.0159, -74.2179

Monochromacy



Original Color

193.6110, -10.6542, -82.9738



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.7760, -3.8336, -30.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6110, -10.6542, -82.9738 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(99, 246, 172)` looks like.

```
.text, #text, p{  
    color:rgb(99, 246, 172)  
}
```

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(99, 246, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 246, 172) }
```

Border

The CSS property to change the border of an element to YUV 193.6110, -10.6542, -82.9738 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(99, 246, 172) }
```


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

```
.border{ border-color:rgb(99, 246, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 246, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 246, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 246, 172);  
box-shadow:4px 4px 4px 4px rgb(99, 246,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 193.6110, -10.6542, -82.9738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 246, 172) }
```

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

```
.background{ background-color: rgb(99, 246,  
172) }
```

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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