

Converting Colors

YUV(189.5490, 16.9843,
-81.1655)

Have a look what the booklet for
YUV(189.5490, 16.9843, -81.1655)
contains.

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Color

**YUV(189.5490, 16.9843,
-81.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	61E6E0
RGB	97, 230, 224
RGB Percent	38%, 90%, 88%
CMY	0.6196, 0.0980, 0.1216
CMYK	0.58, 0.00, 0.03, 0.10
HSL	177°, 73%, 64%
HSV	177°, 58%, 90%
XYZ	46.6811, 64.5168, 80.5137
YIQ	189.5490, -77.3420, -30.0620

Conversions

Conversions Part 2

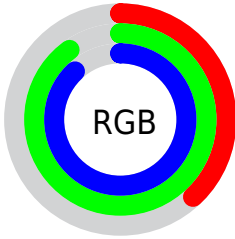
Format	Color
RYB	97, 165, 230
Decimal	6416096
CIELab	84.23, -37.55, -8.04
CIELCh	84, 38.403, 192.083
Yxy	64.5168, 0.2435, 0.3365
Android (android.graphics.Color)	4284606176 (0xFF61E6E0)
YUV	189.5490, 16.9843, -81.1655
Hunter-Lab	80.3224, -36.8249, -3.2055

Details

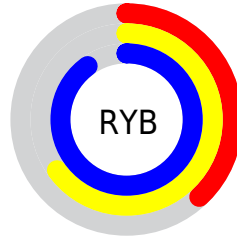
The YUV color **189.5490, 16.9843, -81.1655** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **137.4510, -16.9843, 81.1655**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, 14.1511, -59.0186**, and **122.0020, 23.1700, -105.2418** is the 20% darker color. If you saturate the color by 10%, you get **182.5580, 19.9379, -95.2054**, and if you desaturate by 10%, it is **196.5400, 14.0308, -67.1256**.

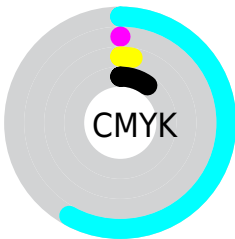
Distribution



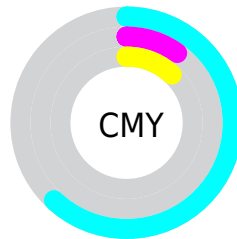
- Red (38%)
- Green (90%)
- Blue (88%)



- Red (38%)
- Yellow (65%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (62%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5490, 16.9843, -81.1655 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 189.5490, 16.9843, -81.1655 by changing the saturation by 10% instead.

189.5490, 16.9843,
-81.1655

189.5490, 16.9843,
-81.1655

255.0000, 0.0000,
0.0000

159.4560, 18.0162,
-85.4689

226.2960, 14.1511,
-59.0186

122.0020, 23.1700,
-105.2418

235.5650, 9.5815,
-39.9605

102.4770, 19.4848,
-89.8723

244.5350, 5.1592,
-21.5172

84.3650, 16.0891,
-73.9881

253.8040, 0.5896,
-2.4591

66.2530, 12.6933,
-58.1039

49.5430, 9.5923,
-43.4492

32.9470, 6.9281,

-28.8945

■ 17.0520, 4.4114,
-14.9546

■ 0.0000, 0.0000,
0.0000

■ 189.5490, 16.9843,
-81.1655

■ 189.5490, 16.9843,
-81.1655

■ 182.5580, 19.9379,
-95.2054

■ 196.5400, 14.0308,
-67.1256

■ 175.5670, 22.8915,
-109.2453

■ 203.5310, 11.0772,
-53.0857

■ 168.5760, 25.8450,
-123.2852

■ 210.5220, 8.1237,
-39.0458

■ 161.5850, 28.7986,
-137.3250

■ 217.5130, 5.1701,
-25.0059

■ 160.0900, 29.5356,
-140.3989

■ 224.5040, 2.2165,
-10.9660

■ 231.4950, -0.7370,
3.0739

■ 237.5890, -3.2484,
15.2694

■ 237.7030, -2.8116,
15.1695

■ 237.8170, -2.3748,
15.0695

Harmonies

Analogous

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



196.1170, -4.4947, -51.8456



189.5490, 16.9843, -81.1655



188.3320, 32.8673, -88.8682

Triad

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



189.5490, 16.9843, -81.1655



213.7890, 20.3170, 16.8480



209.5340, -33.2943, 38.9967

Complementary

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



189.5490, 16.9843, -81.1655



137.4510, -16.9843, 81.1655

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.



205.7700, -21.0856, 43.1747



189.5490, 16.9843, -81.1655



211.4020, 10.6478, 38.2354

Square

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



189.5490, 16.9843, -81.1655



206.7690, 23.7779, -19.9684



206.1240, -4.4981, 42.8643



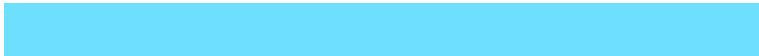
206.6570, -33.3549, 11.7018

Rectangle

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



189.5490, 16.9843, -81.1655



193.1600, 30.4871, -72.0543



206.1240, -4.4981, 42.8643



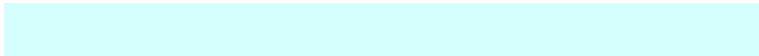
208.0550, -30.1001, 41.1708

Sweetspot

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



189.5490, 16.9843, -81.1655



241.9150, 5.4649, -26.2355



177.1640, -39.5209, -64.1648



119.9980, 2.9590, -15.7842



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.



189.5490, 16.9843, -81.1655



201.4640, 22.4492, -107.4009



155.0130, 36.9686, -50.8774



111.2980, 1.3321, -7.2773



124.4530, 22.4547, -109.1453



35.5230, 6.6442, -31.1537

Inverse Universe

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



137.4510, -16.9843, 81.1655



132.5360, -22.4492, 107.4009



171.9870, -36.9686, 50.8774



106.7020, -1.3321, 7.2773



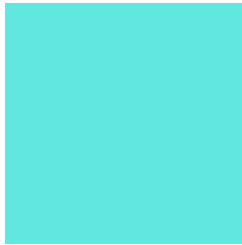
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 189.5490, 16.9843, -81.1655 looks on a white background.

Color Contrast Check

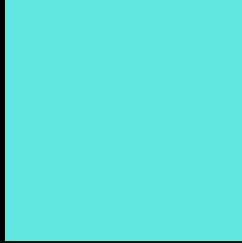
Large Text (above 18pt) WCAG AA × Fail

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 189.5490, 16.9843, -81.1655 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

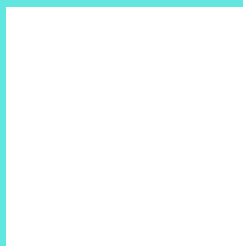
Any Text WCAG AAA ✓ Pass

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

YUV 189.5490, 16.9843, -81.1655 Background



This preview shows how black text looks on a background with the YUV color 189.5490, 16.9843, -81.1655.



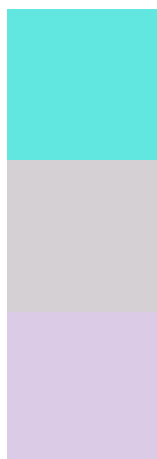
This preview shows how white text looks on a background with the YUV color 189.5490, 16.9843, -81.1655.

-81.1655.

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

189.5490, 16.9843, -81.1655

Protanopia

209.5380, 0.7208, 2.1592

Deuteranopia

210.8620, 9.4350, 7.1370



Tritanopia

192.5740, 25.8460, -76.8024

Trichromacy



Original Color

189.5490, 16.9843, -81.1655



Protanomaly

202.2460, 6.7807, -28.2797



Deuteranomaly

203.3480, 12.1534, -24.8612



Tritanomaly

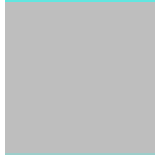
191.3520, 22.5045, -78.3617

Monochromacy



Original Color

189.5490, 16.9843, -81.1655



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.0070, 5.9125, -29.8241

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5490, 16.9843, -81.1655 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(97, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(97, 230, 224)  
}
```

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(97, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 230, 224) }
```

Border

The CSS property to change the border of an element to YUV 189.5490, 16.9843, -81.1655 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(97, 230, 224) }
```


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

```
.border{ border-color:rgb(97, 230, 224) }
```

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

Here you see how a box with a 4 pixel rgb(97, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(97, 230,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 189.5490, 16.9843, -81.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 230, 224) }
```

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

```
.background{ background-color: rgb(97, 230,  
224) }
```

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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