

Converting Colors

YUV(203.5490, -3.2287,
-84.6735)

Have a look what the booklet for
YUV(203.5490, -3.2287, -84.6735)
contains.

YUV(203.5490, -3.2287, -84.6735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(203.5490, -3.2287,
-84.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	6BFEC5
RGB	107, 254, 197
RGB Percent	42%, 100%, 77%
CMY	0.5804, 0.0039, 0.2275
CMYK	0.58, 0.00, 0.22, 0.00
HSL	157°, 99%, 71%
HSV	157°, 58%, 100%
XYZ	51.5833, 78.0406, 65.1680
YIQ	203.5490, -69.3150, -48.8910

Conversions

Conversions Part 2

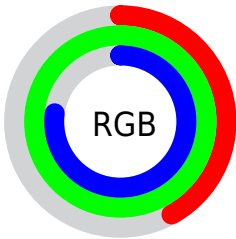
Format	Color
RYB	107, 198, 254
Decimal	7077573
CIELab	90.80, -52.49, 15.59
CIELCh	91, 54.760, 163.461
Yxy	78.0406, 0.2648, 0.4006
Android (android.graphics.Color)	4285267653 (0xFF6BFEC5)
YUV	203.5490, -3.2287, -84.6735
Hunter-Lab	88.3406, -50.3675, 18.1008

Details

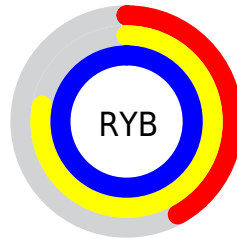
The YUV color **203.5490, -3.2287, -84.6735** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **157.4510, 3.2287, 84.6735**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.2402, -52.7708**, and **140.0250, 1.4667, -97.3689** is the 20% darker color. If you saturate the color by 10%, you get **194.9340, -3.9115, -99.0431**, and if you desaturate by 10%, it is **212.1640, -2.5459, -70.3038**.

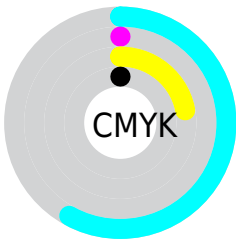
Distribution



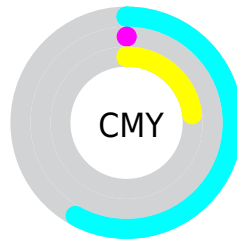
- Red (42%)
- Green (100%)
- Blue (77%)



- Red (42%)
- Yellow (78%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5490, -3.2287, -84.6735 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 203.5490, -3.2287, -84.6735 by changing the saturation by 10% instead.


 203.5490, -3.2287,
-84.6735

 203.5490, -3.2287,
-84.6735

255.0000, 0.0000,
0.0000

 173.2820, -1.6180,
-87.9473


 229.1720, 12.2402,
-52.7708


 140.0250, 1.4667,
-97.3689


 238.2560, 8.2548,
-34.4275

 111.9540, 2.4877,
-98.1837

 247.5250, 3.6852,
-15.3694

 93.3690, -0.1819,
-81.8846

 75.3710, -3.1409,
-66.1004

 57.4870, -5.6631,
-50.4161

 40.4180, -7.6011,

-35.4466

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 203.5490, -3.2287,
-84.6735

■ 203.5490, -3.2287,
-84.6735

■ 194.9340, -3.9115,
-99.0431

■ 212.1640, -2.5459,
-70.3038

■ 186.0200, -4.4469,
-114.0275

■ 221.0780, -2.0105,
-55.3194

■ 177.4050, -5.1297,
-128.3972

■ 229.6930, -1.3276,
-40.9498

■ 168.6050, -5.2283,
-143.4816

■ 238.4930, -1.2290,
-25.8654

 166.8820, -5.3648,
-146.3555

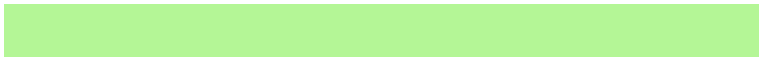
 247.1080, -0.5462,
-11.4957

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



215.3220, -32.2037, -30.9774



203.5490, -3.2287, -84.6735



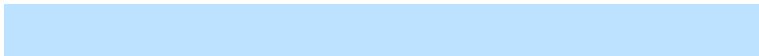
178.2990, 35.8416, -156.3682

Triad

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



203.5490, -3.2287, -84.6735



217.9440, 18.2686, -26.2609



210.0100, -25.1479, 39.4562

Complementary

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



203.5490, -3.2287, -84.6735



157.4510, 3.2287, 84.6735

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.



209.6120, -1.2877, 39.8053



203.5490, -3.2287, -84.6735



226.2370, 14.1802, 25.2252

Square

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



203.5490, -3.2287, -84.6735



193.2500, 30.4428, -104.5823



216.8450, 18.8104, 33.4619



217.0420, -43.8977, 33.2892

Rectangle

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



203.5490, -3.2287, -84.6735



178.1680, 37.8782, -156.2533



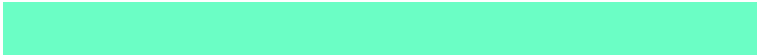
216.8450, 18.8104, 33.4619



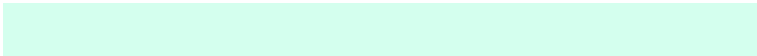
208.6710, -17.5858, 40.6305

Sweetspot

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



203.5490, -3.2287, -84.6735



240.2050, -1.0871, -24.7358



210.9300, -51.2375, -39.4036



119.0860, -0.5354, -14.9844



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.



203.5490, -3.2287, -84.6735



194.6240, -3.7586, -101.4022



201.2420, 26.0097, -82.6502



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

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



157.4510, 3.2287, 84.6735



139.3760, 3.7586, 101.4022



159.7580, -26.0097, 82.6502



119.4570, 0.2677, 7.4922



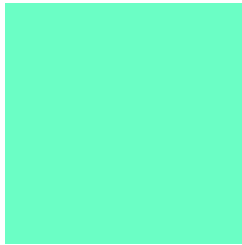
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 203.5490, -3.2287, -84.6735 looks on a white background.

Color Contrast Check

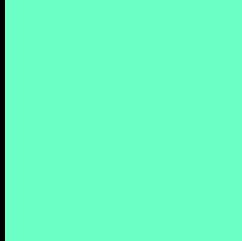
Large Text (above 18pt) WCAG AA × Fail

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 203.5490, -3.2287, -84.6735 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

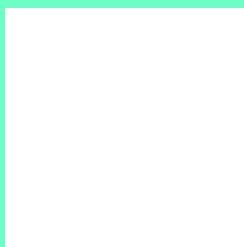
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.5490, -3.2287, -84.6735

Background



This preview shows how black text looks on a background with the YUV color 203.5490, -3.2287, -84.6735.



This preview shows how white text looks on a background with the YUV color 203.5490, -3.2287,

-84.6735.

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

203.5490, -3.2287, -84.6735

Protanopia

225.6970, -20.5566, 13.4207

Deuteranopia

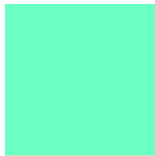
228.2820, -10.9850, 23.4317



Tritanopia

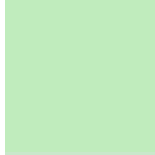
218.6870, 17.9023, -48.8375

Trichromacy



Original Color

203.5490, -3.2287, -84.6735



Protanomaly

217.4860, -14.0436, -22.3512



Deuteranomaly

219.4250, -8.0975, -16.1587



Tritanomaly

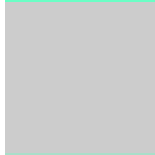
213.2480, 10.2307, -61.6075

Monochromacy



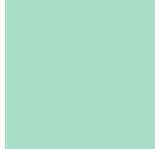
Original Color

203.5490, -3.2287, -84.6735



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.7590, -1.3602, -30.4836

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5490, -3.2287, -84.6735 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(107, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(107, 254, 197)  
}
```

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(107, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 254, 197) }
```

Border

The CSS property to change the border of an element to YUV 203.5490, -3.2287, -84.6735 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(107, 254, 197) }
```


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

```
.border{ border-color:rgb(107, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(107, 254,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 203.5490, -3.2287, -84.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 254, 197) }
```

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

```
.background{ background-color: rgb(107,  
254, 197) }
```

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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