

Converting Colors

YUV(195.6620, -1.3124,
-92.6656)

Have a look what the booklet for
YUV(195.6620, -1.3124, -92.6656)
contains.

YUV(195.6620, -1.3124, -92.6656)	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(195.6620, -1.3124,
-92.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	5AFAC1
RGB	90, 250, 193
RGB Percent	35%, 98%, 76%
CMY	0.6471, 0.0196, 0.2431
CMYK	0.64, 0.00, 0.23, 0.02
HSL	159°, 94%, 67%
HSV	159°, 64%, 98%
XYZ	48.0277, 74.3951, 62.2805
YIQ	195.6620, -77.0630, -51.6470

Conversions

Conversions Part 2

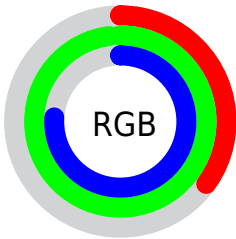
Format	Color
RYB	90, 187, 250
Decimal	5962433
CIELab	89.11, -54.81, 15.20
CIELCh	89, 56.876, 164.497
Yxy	74.3951, 0.2600, 0.4028
Android (android.graphics.Color)	4284152513 (0xFF5AFAC1)
YUV	195.6620, -1.3124, -92.6656
Hunter-Lab	86.2526, -51.5486, 17.5653

Details

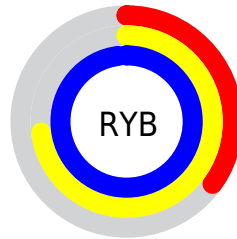
The YUV color **195.6620, -1.3124, -92.6656** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **144.3380, 1.3124, 92.6656**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5300, 12.5567, -60.9778**, and **128.5500, 5.1519, -112.7383** is the 20% darker color. If you saturate the color by 10%, you get **187.1610, -1.5584, -107.1352**, and if you desaturate by 10%, it is **204.1630, -1.0664, -78.1960**.

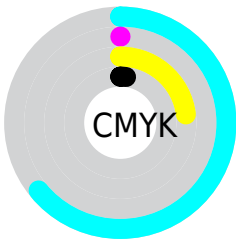
Distribution



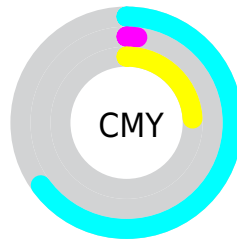
- Red (35%)
- Green (98%)
- Blue (76%)



- Red (35%)
- Yellow (73%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)



- Cyan (65%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6620, -1.3124, -92.6656 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 195.6620, -1.3124, -92.6656 by changing the saturation by 10% instead.

 195.6620, -1.3124,
-92.6656

 195.6620, -1.3124,
-92.6656


255.0000, 0.0000,
0.0000

 163.9000, 1.0353,
-99.0133


 224.5300, 12.5567,
-60.9778


 128.5500, 5.1519,
-112.7383


 234.3690, 10.1711,
-42.4196


 109.8510, 2.0455,
-96.3393

 243.3390, 5.7489,
-23.9763

 90.5650, -0.7715,
-79.4255

 252.6080, 1.1793,
-4.9182

 72.6810, -3.2937,
-63.7412

 54.7970, -5.8159,
-48.0570

 38.3150, -8.0433,

-33.6023

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 195.6620, -1.3124,
-92.6656

■ 195.6620, -1.3124,
-92.6656

■ 187.1610, -1.5584,
-107.1352

■ 204.1630, -1.0664,
-78.1960

■ 178.6600, -1.8044,
-121.6048

■ 212.6640, -0.8204,
-63.7263

■ 170.1590, -2.0504,
-136.0744

■ 221.1650, -0.5743,
-49.2567

■ 165.1040, -2.0233,
-144.7962

■ 229.6660, -0.3283,
-34.7871

■ 238.1670, -0.0823,
-20.3175

■ 246.5540, -0.2731,
-5.7479

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



209.5990, -32.3403, -33.8513



195.6620, -1.3124, -92.6656



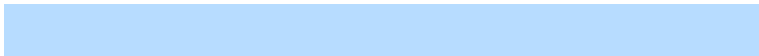
176.3100, 35.8362, -154.6239

Triad

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



195.6620, -1.3124, -92.6656



212.9270, 20.7420, -26.2460



206.0490, -27.6322, 42.9300

Complementary

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



195.6620, -1.3124, -92.6656



144.3380, 1.3124, 92.6656

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.



204.5910, -2.7564, 44.2087



195.6620, -1.3124, -92.6656



222.7150, 15.9165, 28.3139

Square

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



195.6620, -1.3124, -92.6656



184.0250, 34.9907, -116.6629



212.6220, 20.3994, 37.1655



213.5540, -47.1081, 36.3481

Rectangle

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



195.6620, -1.3124, -92.6656



175.8200, 39.0357, -154.1941



212.6220, 20.3994, 37.1655



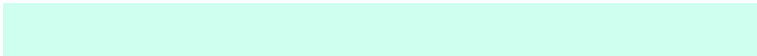
204.2370, -19.3438, 44.5192

Sweetspot

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



195.6620, -1.3124, -92.6656



238.7100, -0.3500, -27.8097



201.5610, -54.9996, -46.0960



117.7760, -0.3826, -17.3436



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.



195.6620, -1.3124, -92.6656



188.4160, -1.6841, -113.4978



189.8330, 29.6623, -87.5535



120.5430, -0.2677, -7.4922



124.7370, -1.8423, -109.3943



40.2530, -0.6177, -35.3019

Inverse Universe

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



144.3380, 1.3124, 92.6656



125.5840, 1.6841, 113.4978



150.1670, -29.6623, 87.5535



116.4570, 0.2677, 7.4922



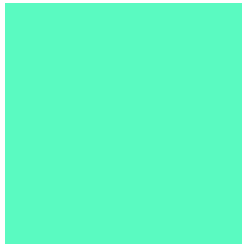
64.1490, 1.4055, 109.4943



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 195.6620, -1.3124, -92.6656 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 195.6620, -1.3124, -92.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

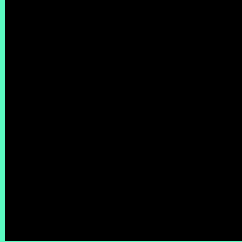
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.6620, -1.3124, -92.6656

Background



This preview shows how black text looks on a background with the YUV color 195.6620, -1.3124, -92.6656.



This preview shows how white text looks on a background with the YUV color 195.6620, -1.3124,

-92.6656.

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

195.6620, -1.3124, -92.6656

Protanopia

220.9850, -20.6986, 12.2912

Deuteranopia

223.5810, -11.1324, 24.0465



Tritanopia

210.3370, 22.0189, -62.5625

Trichromacy



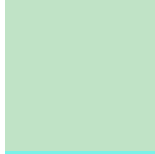
Original Color

195.6620, -1.3124, -92.6656



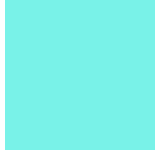
Protanomaly

211.5780, -13.5960, -25.9399



Deuteranomaly

213.2290, -7.5079, -18.6178



Tritanomaly

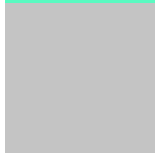
204.6810, 13.4683, -73.3882

Monochromacy



Original Color

195.6620, -1.3124, -92.6656



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.9650, -0.4757, -34.1723

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6620, -1.3124, -92.6656 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(90, 250, 193)` looks like.

```
.text, #text, p{  
    color:rgb(90, 250, 193)  
}
```

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(90, 250, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 250, 193) }
```

Border

The CSS property to change the border of an element to YUV 195.6620, -1.3124, -92.6656 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(90, 250, 193) }
```


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

```
.border{ border-color:rgb(90, 250, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 250, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 250, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 250, 193);  
box-shadow:4px 4px 4px 4px rgb(90, 250,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 195.6620, -1.3124, -92.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 250, 193) }
```

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

```
.background{ background-color: rgb(90, 250,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor