

Converting Colors

YUV(199.4510, -4.6593,
-92.4805)

Have a look what the booklet for
YUV(199.4510, -4.6593, -92.4805)
contains.

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Color

**YUV(199.4510, -4.6593,
-92.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFFBE
RGB	94, 255, 190
RGB Percent	37%, 100%, 75%
CMY	0.6314, 0.0000, 0.2549
CMYK	0.63, 0.00, 0.25, 0.00
HSL	156°, 100%, 68%
HSV	156°, 63%, 100%
XYZ	49.6704, 77.6174, 61.0790
YIQ	199.4510, -75.0910, -54.3470

Conversions

Conversions Part 2

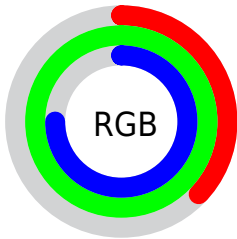
Format	Color
RYB	94, 195, 255
Decimal	6225854
CIELab	90.61, -56.77, 18.86
CIELCh	91, 59.816, 161.625
Yxy	77.6174, 0.2637, 0.4121
Android (android.graphics.Color)	4284415934 (0xFF5EFFBE)
YUV	199.4510, -4.6593, -92.4805
Hunter-Lab	88.1007, -53.5397, 20.5656

Details

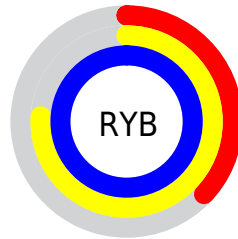
The YUV color **199.4510, -4.6593, -92.4805** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **149.5490, 4.6593, 92.4805**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9710, 10.3673, -58.7336**, and **131.1430, 2.3945, -115.0124** is the 20% darker color. If you saturate the color by 10%, you get **190.8360, -5.3421, -106.8502**, and if you desaturate by 10%, it is **208.3650, -4.1239, -77.4961**.

Distribution



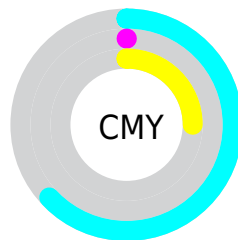
- Red (37%)
- Green (100%)
- Blue (75%)



- Red (37%)
- Yellow (76%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4510, -4.6593, -92.4805 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 199.4510, -4.6593, -92.4805 by changing the saturation by 10% instead.


 199.4510, -4.6593,
-92.4805

 199.4510, -4.6593,
-92.4805

255.0000, 0.0000,
0.0000


 167.9880, -2.4591,
-98.2135


 224.9710, 10.3673,
-58.7336

 131.1430, 2.3945,
-115.0124


 235.2660, 9.7289,
-40.5753


 111.8570, -0.4225,
-98.0986

 244.5350, 5.1592,
-21.5172

 93.1580, -3.5289,
-81.6996

 253.8040, 0.5896,
-2.4591

 74.6870, -5.7617,
-65.5005

 56.8030, -8.2839,
-49.8162

 39.7340, -10.2219,

-34.8467

■ 24.0670, -11.8650,
-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 199.4510, -4.6593,
-92.4805

■ 199.4510, -4.6593,
-92.4805

■ 190.8360, -5.3421,
-106.8502

■ 208.3650, -4.1239,
-77.4961

■ 181.8080, -6.3143,
-121.7346

■ 217.0940, -3.0043,
-63.2264

■ 173.1930, -6.9971,
-136.1043

■ 226.0080, -2.4689,
-48.2420

■ 167.0130, -7.4014,
-146.4704

■ 234.6230, -1.7861,
-33.8724

■ 243.5370, -1.2507,
-18.8879

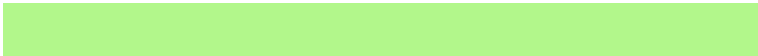
■ 252.2660, -0.1311,
-4.6183

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



214.0570, -37.0031, -31.6220



199.4510, -4.6593, -92.4805



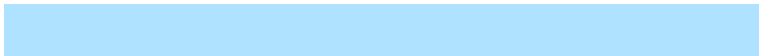
178.0710, 34.9680, -156.1683

Triad

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



199.4510, -4.6593, -92.4805



213.7580, 20.3323, -34.8678



206.6190, -25.4482, 42.4301

Complementary

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



199.4510, -4.6593, -92.4805



149.5490, 4.6593, 92.4805

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.



206.2040, 0.8854, 42.7941



199.4510, -4.6593, -92.4805



225.0630, 14.7589, 26.2547

Square

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



199.4510, -4.6593, -92.4805



172.2980, 40.7721, -151.1053



214.4970, 19.9680, 35.5211



214.2550, -46.9607, 35.7334

Rectangle

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



199.4510, -4.6593, -92.4805



178.7550, 37.5888, -156.7681



214.4970, 19.9680, 35.5211



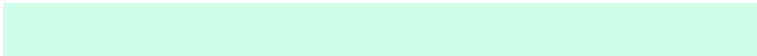
205.5080, -17.0124, 43.4045

Sweetspot

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



199.4510, -4.6593, -92.4805



238.3680, -1.6604, -27.5097



208.5400, -56.4682, -41.6926



117.6620, -0.8194, -17.2436



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.



199.4510, -4.6593, -92.4805



188.1020, -5.4733, -111.4685



199.2300, 27.4946, -92.2867



123.4290, -0.7045, -7.3922



125.1130, -5.4787, -109.7241



41.9000, -1.9227, -36.7463

Inverse Universe

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



149.5490, 4.6593, 92.4805



127.8980, 5.4733, 111.4685



149.7700, -27.4946, 92.2867



119.4570, 0.2677, 7.4922



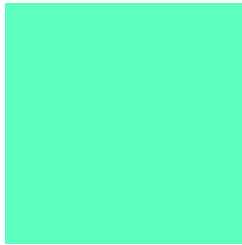
65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 199.4510, -4.6593, -92.4805 looks on a white background.

Color Contrast Check

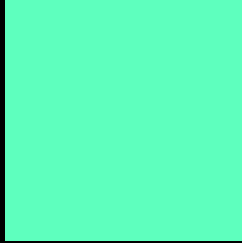
Large Text (above 18pt) WCAG AA × Fail

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 199.4510, -4.6593, -92.4805 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 199.4510, -4.6593, -92.4805

Background



This preview shows how black text looks on a background with the YUV color 199.4510, -4.6593, -92.4805.



This preview shows how white text looks on a background with the YUV color 199.4510, -4.6593,

-92.4805.

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

199.4510, -4.6593, -92.4805

Protanopia

224.7850, -24.0510, 14.2206

Deuteranopia

227.7120, -13.1690, 23.9316



Tritanopia

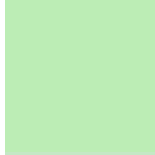
217.4910, 18.4919, -51.2966

Trichromacy



Original Color

199.4510, -4.6593, -92.4805



Protanomaly

215.9650, -17.2377, -24.5253



Deuteranomaly

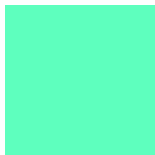
217.2460, -9.9813, -18.6327



Tritanomaly

210.5140, 10.0996, -66.2258

Monochromacy



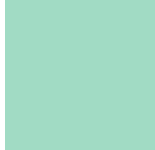
Original Color

199.4510, -4.6593, -92.4805



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0360, -1.4967, -33.3576

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4510, -4.6593, -92.4805 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(94, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 190)  
}
```

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(94, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 190) }
```

Border

The CSS property to change the border of an element to YUV 199.4510, -4.6593, -92.4805 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(94, 255, 190) }
```


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

```
.border{ border-color:rgb(94, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 199.4510, -4.6593, -92.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 190) }
```

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

```
.background{ background-color: rgb(94, 255,  
190) }
```

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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