

Converting Colors

YUV(195.0570, -20.2411,
-41.2690)

Have a look what the booklet for
YUV(195.0570, -20.2411, -41.2690)
contains.

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Color

**YUV(195.0570, -20.2411,
-41.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	94E39A
RGB	148, 227, 154
RGB Percent	58%, 89%, 60%
CMY	0.4196, 0.1098, 0.3961
CMYK	0.35, 0.00, 0.32, 0.11
HSL	125°, 59%, 74%
HSV	125°, 35%, 89%
XYZ	45.5146, 63.5672, 40.4427
YIQ	195.0570, -23.6510, -39.4510

Conversions

Conversions Part 2

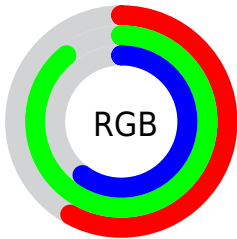
Format	Color
RYB	148, 221, 227
Decimal	9757594
CIELab	83.74, -38.74, 28.20
CIElCh	84, 47.913, 143.946
Yxy	63.5672, 0.3044, 0.4251
Android (android.graphics.Color)	4287947674 (0xFF94E39A)
YUV	195.0570, -20.2411, -41.2690
Hunter-Lab	79.7290, -37.6263, 25.7354

Details

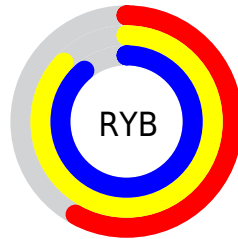
The YUV color **195.0570, -20.2411, -41.2690** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **179.9430, 20.2411, 41.2690**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5070, -12.5750, -26.7546**, and **140.1110, -18.7887, -40.4393** is the 20% darker color. If you saturate the color by 10%, you get **185.7860, -26.0235, -53.3093**, and if you desaturate by 10%, it is **204.3280, -14.4587, -29.2287**.

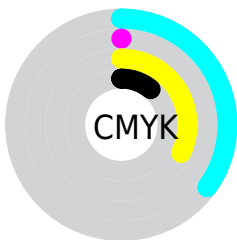
Distribution



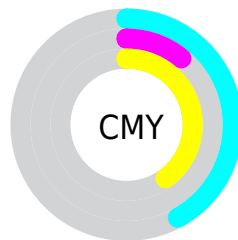
- Red (58%)
- Green (89%)
- Blue (60%)



- Red (58%)
- Yellow (87%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0570, -20.2411, -41.2690 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 195.0570, -20.2411, -41.2690 by changing the saturation by 10% instead.

■ 195.0570,
-20.2411, -41.2690

■ 195.0570,
-20.2411, -41.2690

255.0000, 0.0000,
0.0000

■ 167.5840,
-19.5149, -40.8542

■ 234.5070,
-12.5750, -26.7546

■ 140.1110,
-18.7887, -40.4393

■ 246.3700, -4.6194,
-11.7255

■ 113.4530,
-17.4783, -40.7393

■ 86.7840, -16.1625,
-42.7836

■ 58.1250, -13.3726,
-50.9756

■ 40.7140, -16.6210,
-35.7062

■ 26.4150, -13.0226,

-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 195.0570,
-20.2411, -41.2690

■ 195.0570,
-20.2411, -41.2690

■ 185.7860,
-26.0235, -53.3093

■ 204.3280,
-14.4587, -29.2287

■ 176.8140,
-31.9533, -64.7349

■ 213.3000, -8.5289,
-17.8031

■ 167.5430,
-37.7357, -76.7752

■ 222.5710, -2.7465,
-5.7628

■ 158.2720,
-43.5181, -88.8155

■ 231.8420, 3.0359,
6.2776

■ 149.3000,
-49.4479, -100.2411

■ 238.5640, 8.1029,
14.4144

■ 140.0290,
-55.2303, -112.2814

■ 135.1870,
-58.2662, -118.5590

Harmonies

Analogous

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



201.6140, -38.2637, -0.5385



195.0570, -20.2411, -41.2690



183.2740, 7.2599, -88.8173

Triad

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



195.0570, -20.2411, -41.2690



192.3400, 30.8914, -61.6882



198.8060, -12.2294, 49.2821

Complementary

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



195.0570, -20.2411, -41.2690



179.9430, 20.2411, 41.2690

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.



203.4630, 8.1527, 45.1979



195.0570, -20.2411, -41.2690



206.2700, 24.0239, -5.4988

Square

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



195.0570, -20.2411, -41.2690



162.3190, 45.6917, -142.3538



213.3230, 20.5468, 36.5507



201.6320, -31.8636, 46.8037

Rectangle

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



195.0570, -20.2411, -41.2690



162.8770, 32.5986, -142.8431



213.3230, 20.5468, 36.5507



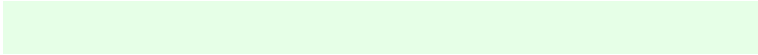
199.3420, -5.0986, 48.8121

Sweetspot

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



195.0570, -20.2411, -41.2690



244.7890, -6.7980, -12.9700



216.4990, -33.7700, 4.8244



121.5060, -4.1935, -8.3368



0.0000, 0.0000, 0.0000



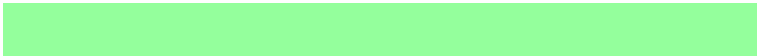
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.0570, -20.2411, -41.2690



211.7210, -27.4705, -55.8833



199.5030, -3.2060, -45.1681



110.1580, -3.0359, -6.2776



106.6690, -45.6858, -93.5487



30.3930, -13.0117, -26.6547

Inverse Universe

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



179.9430, 20.2411, 41.2690



191.2790, 27.4705, 55.8833



175.4970, 3.2060, 45.1681



107.8420, 3.0359, 6.2776



72.3310, 45.6858, 93.5487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 195.0570, -20.2411, -41.2690 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 195.0570, -20.2411, -41.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

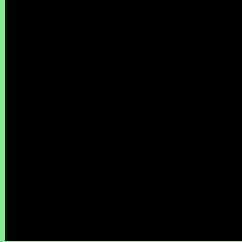
Any Text WCAG AA ✓ Pass

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 195.0570, -20.2411, -41.2690 Background



This preview shows how black text looks on a background with the YUV color 195.0570, -20.2411, -41.2690.



This preview shows how white text looks on a background with the YUV color 195.0570, -20.2411, -41.2690.

-41.2690.

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

195.0570, -20.2411, -41.2690

Protanopia

205.7160, -29.4400, 16.0351

Deuteranopia

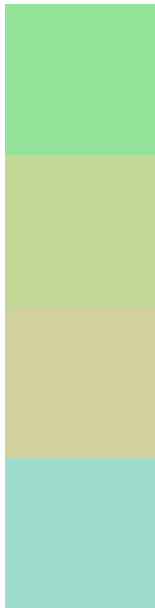
208.0090, -23.6684, 31.5641



Tritanopia

202.7920, 15.3855, -34.8976

Trichromacy



Original Color

195.0570, -20.2411, -41.2690

Protanomaly

201.7950, -26.0279, -5.0822

Deuteranomaly

203.1860, -22.2767, 5.0989

Tritanomaly

200.3390, 2.2979, -37.1313

Monochromacy



Original Color

195.0570, -20.2411, -41.2690

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0570, -20.2411, -41.2690 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(148, 227, 154)` looks like.

```
.text, #text, p{  
    color:rgb(148, 227, 154)  
}
```

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(148, 227, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 227, 154) }
```

Border

The CSS property to change the border of an element to YUV 195.0570, -20.2411, -41.2690 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(148, 227, 154) }
```


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

```
.border{ border-color:rgb(148, 227, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 227, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 227, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 227, 154);  
box-shadow:4px 4px 4px 4px rgb(148, 227,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 195.0570, -20.2411, -41.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 227, 154) }
```

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

```
.background{ background-color: rgb(148,  
227, 154) }
```

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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