

Converting Colors

YUV(195.5190, -20.9619,
-43.4282)

Have a look what the booklet for
YUV(195.5190, -20.9619, -43.4282)
contains.

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Color

**YUV(195.5190, -20.9619,
-43.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	92E599
RGB	146, 229, 153
RGB Percent	57%, 90%, 60%
CMY	0.4275, 0.1020, 0.4000
CMYK	0.36, 0.00, 0.33, 0.10
HSL	125°, 61%, 74%
HSV	125°, 36%, 90%
XYZ	45.6231, 64.4495, 40.1724
YIQ	195.5190, -25.0720, -41.2320

Conversions

Conversions Part 2

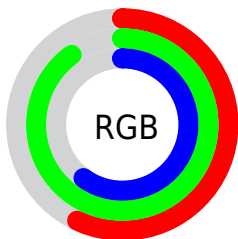
Format	Color
RYB	146, 223, 229
Decimal	9627033
CIELab	84.20, -40.40, 29.31
CIElCh	84, 49.918, 144.041
Yxy	64.4495, 0.3037, 0.4290
Android (android.graphics.Color)	4287817113 (0xFF92E599)
YUV	195.5190, -20.9619, -43.4282
Hunter-Lab	80.2805, -39.0498, 26.5276

Details

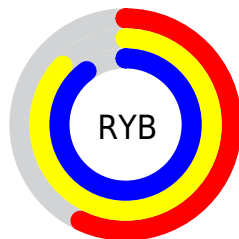
The YUV color $195.5190, -20.9619, -43.4282$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $179.4810, 20.9619, 43.4282$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.7950, -12.7169, -27.8842$, and $140.2740, -19.3621, -43.2133$ is the 20% darker color. If you saturate the color by 10%, you get $186.2480, -26.7443, -55.4685$, and if you desaturate by 10%, it is $204.7900, -15.1795, -31.3878$.

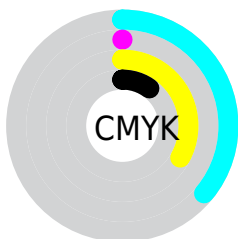
Distribution



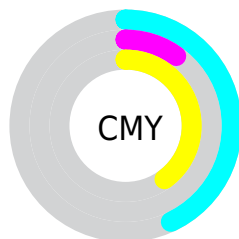
- Red (57%)
- Green (90%)
- Blue (60%)



- Red (57%)
- Yellow (87%)
- Blue (90%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



- Cyan (43%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5190, -20.9619, -43.4282 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 195.5190, -20.9619, -43.4282 by changing the saturation by 10% instead.

■ 195.5190,
-20.9619, -43.4282

■ 195.5190,
-20.9619, -43.4282

255.0000, 0.0000,
0.0000

■ 167.7470,
-20.0883, -43.6281

■ 233.7950,
-12.7169, -27.8842

■ 140.2740,
-19.3621, -43.2133

■ 245.6580, -4.7614,
-12.8551

■ 113.6160,
-18.0517, -43.5132

■ 86.6480, -16.5885,
-46.1723

■ 58.5980, -14.0988,
-51.3904

■ 41.7740, -17.6366,
-36.6358

■ 27.5890, -13.6014,

-24.1956

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 195.5190,
-20.9619, -43.4282

■ 195.5190,
-20.9619, -43.4282

■ 186.2480,
-26.7443, -55.4685

■ 204.7900,
-15.1795, -31.3878

■ 176.9770,
-32.5267, -67.5088

■ 214.0610, -9.3971,
-19.3475

■ 167.7060,
-38.3091, -79.5492

■ 223.3320, -3.6147,
-7.3072

■ 158.4350,
-44.0915, -91.5895

■ 232.6030, 2.1677,
4.7332

■ 149.1640,
-49.8739, -103.6298

■ 239.7380, 7.5242,
13.3848

■ 140.1920,
-55.8037, -115.0554

■ 136.5890,
-57.9714, -119.7886

Harmonies

Analogous

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



202.8590, -39.8635, -0.7533



195.5190, -20.9619, -43.4282



181.8710, 8.4446, -95.4799

Triad

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



195.5190, -20.9619, -43.4282



192.0190, 31.0496, -65.7917



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.



195.5190, -20.9619, -43.4282



179.4810, 20.9619, 43.4282

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.



202.9900, 8.8789, 45.6128



195.5190, -20.9619, -43.4282



207.1560, 23.5871, -5.3988

Square

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



195.5190, -20.9619, -43.4282



163.4930, 45.1130, -143.3834



213.3230, 20.5468, 36.5507



201.4040, -32.7372, 47.0037

Rectangle

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



195.5190, -20.9619, -43.4282



164.2790, 32.8935, -144.0727



213.3230, 20.5468, 36.5507



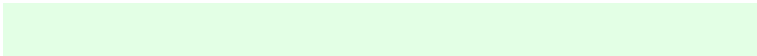
199.3420, -5.0986, 48.8121

Sweetspot

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



195.5190, -20.9619, -43.4282



243.6640, -7.2294, -14.6143



217.4450, -35.2224, 3.9947



121.0930, -4.4828, -8.8516



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.



195.5190, -20.9619, -43.4282



210.7100, -27.4650, -57.6277



200.1930, -3.0531, -47.5273



110.1580, -3.0359, -6.2776



106.7830, -45.2490, -93.6487



30.3930, -13.0117, -26.6547

Inverse Universe

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



179.4810, 20.9619, 43.4282



189.4040, 27.9018, 57.5277



174.8070, 3.0531, 47.5273



107.8420, 3.0359, 6.2776



72.1030, 44.8122, 93.7487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 195.5190, -20.9619, -43.4282 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 195.5190, -20.9619, -43.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

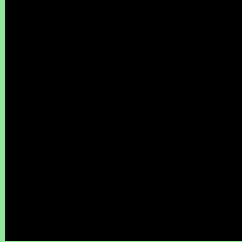
Any Text WCAG AA ✓ Pass

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 195.5190, -20.9619, -43.4282 Background



This preview shows how black text looks on a background with the YUV color 195.5190, -20.9619, -43.4282.



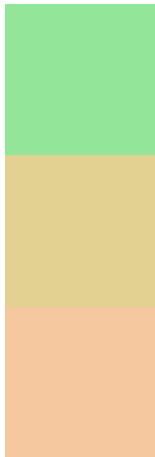
This preview shows how white text looks on a background with the YUV color 195.5190, -20.9619, -43.4282.

-43.4282.

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

195.5190, -20.9619, -43.4282

Protanopia

206.6730, -30.8978, 16.9498

Deuteranopia

209.0800, -24.6894, 32.3788



Tritanopia

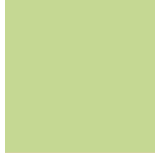
203.8950, 15.8278, -36.7419

Trichromacy



Original Color

195.5190, -20.9619, -43.4282



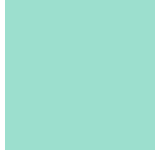
Protanomaly

202.4530, -27.3383, -4.7823



Deuteranomaly

204.5450, -23.4397, 4.7840



Tritanomaly

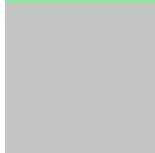
201.0290, 2.4507, -39.4904

Monochromacy



Original Color

195.5190, -20.9619, -43.4282



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8380, -7.8081, -15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5190, -20.9619, -43.4282 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(146, 229, 153)` looks like.

```
.text, #text, p{  
    color:rgb(146, 229, 153)  
}
```

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(146, 229, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 229, 153) }
```

Border

The CSS property to change the border of an element to YUV 195.5190, -20.9619, -43.4282 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(146, 229, 153) }
```


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

```
.border{ border-color:rgb(146, 229, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 229, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 229, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 229, 153); box-shadow:4px 4px 4px 4px rgb(146, 229, 153) }
```

Background

The CSS property to change the background color of an element to YUV 195.5190, -20.9619, -43.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 229, 153) }
```

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

```
.background{ background-color: rgb(146,  
229, 153) }
```

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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