

Converting Colors

YUV(194.4420, -17.4729,
-42.4836)

Have a look what the booklet for
YUV(194.4420, -17.4729, -42.4836)
contains.

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Color

**YUV(194.4420, -17.4729,
-42.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	92E29F
RGB	146, 226, 159
RGB Percent	57%, 89%, 62%
CMY	0.4275, 0.1137, 0.3765
CMYK	0.35, 0.00, 0.30, 0.11
HSL	130°, 58%, 73%
HSV	130°, 35%, 89%
XYZ	45.3084, 63.0069, 42.5744
YIQ	194.4420, -26.1730, -37.7970

Conversions

Conversions Part 2

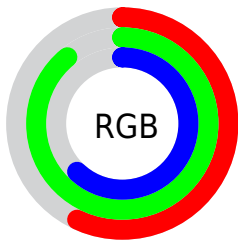
Format	Color
RYB	146, 215, 226
Decimal	9626271
CIELab	83.45, -38.06, 25.21
CIELCh	83, 45.652, 146.481
Yxy	63.0069, 0.3003, 0.4176
Android (android.graphics.Color)	4287816351 (0xFF92E29F)
YUV	194.4420, -17.4729, -42.4836
Hunter-Lab	79.3769, -37.0215, 23.7632

Details

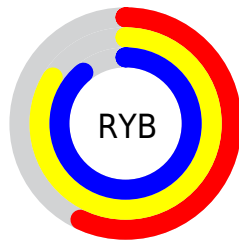
The YUV color **194.4420, -17.4729, -42.4836** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **177.5580, 17.4729, 42.4836**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4790, -10.0961, -28.4841**, and **139.4960, -16.0205, -41.6540** is the 20% darker color. If you saturate the color by 10%, you get **185.3990, -22.3817, -54.7239**, and if you desaturate by 10%, it is **203.4850, -12.5641, -30.2433**.

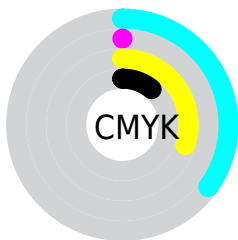
Distribution



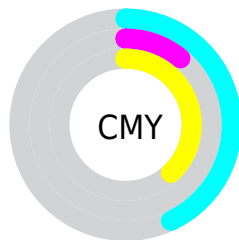
- Red (57%)
- Green (89%)
- Blue (62%)



- Red (57%)
- Yellow (84%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4420, -17.4729, -42.4836 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 194.4420, -17.4729, -42.4836 by changing the saturation by 10% instead.

■ 194.4420,
-17.4729, -42.4836

■ 194.4420,
-17.4729, -42.4836

255.0000, 0.0000,
0.0000

■ 166.9690,
-16.7467, -42.0688

■ 234.4790,
-10.0961, -28.4841

■ 139.4960,
-16.0205, -41.6540

■ 246.4560, -1.7038,
-13.5549

■ 112.7240,
-15.1469, -41.8539

■ 86.1690, -13.3943,
-43.9982

■ 58.1080, -10.8992,
-50.9607

■ 41.5120, -13.5634,
-36.4060

■ 26.4150, -13.0226,

-23.1660

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 194.4420,
-17.4729, -42.4836

■ 194.4420,
-17.4729, -42.4836

■ 185.3990,
-22.3817, -54.7239

■ 203.4850,
-12.5641, -30.2433

■ 176.6550,
-27.4379, -66.3494

■ 212.2290, -7.5079,
-18.6178

■ 167.6120,
-32.3467, -78.5897

■ 221.2720, -2.5991,
-6.3775

■ 158.8680,
-37.4029, -90.2152

■ 230.0160, 2.4571,
5.2480

■ 149.8250,
-42.3117, -102.4555

■ 237.8630, 7.9555,
15.0291

■ 140.7820,
-47.2205, -114.6958

■ 237.9770, 8.3923,
14.9292

■ 136.8800,
-49.2408, -120.0438

Harmonies

Analogous

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



200.9880, -35.4901, -3.4975



194.4420, -17.4729, -42.4836



183.3390, 8.7069, -86.2433

Triad

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



194.4420, -17.4729, -42.4836



195.0530, 29.5539, -52.6665



199.7520, -13.6817, 48.4525

Complementary

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



194.4420, -17.4729, -42.4836



177.5580, 17.4729, 42.4836

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.



203.4800, 5.6794, 45.1830



194.4420, -17.4729, -42.4836



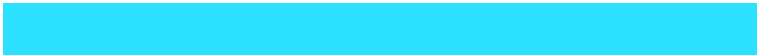
207.1780, 23.5762, -1.9101

Square

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



194.4420, -17.4729, -42.4836



174.3010, 39.7846, -114.2740



212.7360, 20.8362, 37.0655



202.9200, -32.0056, 45.6742

Rectangle

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



194.4420, -17.4729, -42.4836



169.7050, 30.2184, -126.0293



212.7360, 20.8362, 37.0655



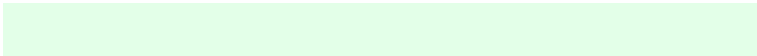
200.1740, -6.9878, 48.0824

Sweetspot

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



194.4420, -17.4729, -42.4836



244.0060, -5.9190, -14.9143



213.2920, -33.1750, 0.6209



121.3210, -3.6093, -9.0515



0.0000, 0.0000, 0.0000



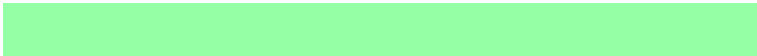
128.0000, 0.0000, 0.0000

Same Dimension

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



194.4420, -17.4729, -42.4836



212.7470, -23.5393, -56.7831



198.8880, -0.4378, -46.3828



107.6850, -2.3097, -5.8627



106.6180, -38.2657, -93.5040



29.0880, -10.3964, -25.5102

Inverse Universe

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



177.5580, 17.4729, 42.4836



190.2530, 23.5393, 56.7831



173.1120, 0.4378, 46.3828



105.3150, 2.3097, 5.8627



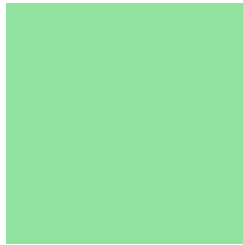
69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 194.4420, -17.4729, -42.4836 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 194.4420, -17.4729, -42.4836 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 194.4420, -17.4729, -42.4836 Background



This preview shows how black text looks on a background with the YUV color 194.4420, -17.4729, -42.4836.



This preview shows how white text looks on a background with the YUV color 194.4420, -17.4729, -42.4836.

-42.4836.

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

194.4420, -17.4729, -42.4836

Protanopia

204.9870, -27.1086, 14.9204

Deuteranopia

207.6820, -21.0422, 29.2199



Tritanopia

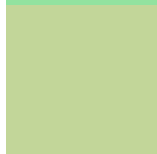
201.6070, 15.9697, -35.6123

Trichromacy



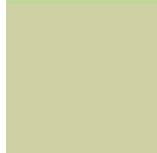
Original Color

194.4420, -17.4729, -42.4836



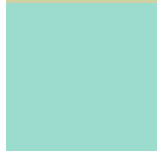
Protanomaly

201.0660, -23.6965, -6.1969



Deuteranomaly

202.8590, -19.6505, 2.7547



Tritanomaly

199.3820, 3.7557, -38.0460

Monochromacy



Original Color

194.4420, -17.4729, -42.4836



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.4790, -6.6451, -15.3291

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4420, -17.4729, -42.4836 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, 226, 159)` looks like.

```
.text, #text, p{  
    color:rgb(146, 226, 159)  
}
```

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, 226, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 226, 159) }
```

Border

The CSS property to change the border of an element to YUV 194.4420, -17.4729, -42.4836 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, 226, 159) }
```


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

```
.border{ border-color:rgb(146, 226, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 226, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 226, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 226, 159);  
box-shadow:4px 4px 4px 4px rgb(146, 226,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 194.4420, -17.4729, -42.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 226, 159) }
```

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

```
.background{ background-color: rgb(146,  
226, 159) }
```

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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