

Converting Colors

YUV(194.0300, -36.0038,
-25.4593)

Have a look what the booklet for
YUV(194.0300, -36.0038, -25.4593)
contains.

YUV(194.0300, -36.0038, -25.4593)	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(194.0300, -36.0038,
-25.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DF79
RGB	165, 223, 121
RGB Percent	65%, 87%, 47%
CMY	0.3529, 0.1255, 0.5255
CMYK	0.26, 0.00, 0.46, 0.13
HSL	94°, 61%, 67%
HSV	94°, 46%, 87%
XYZ	45.3559, 62.1552, 27.6958
YIQ	194.0300, -1.8260, -44.0180

Conversions

Conversions Part 2

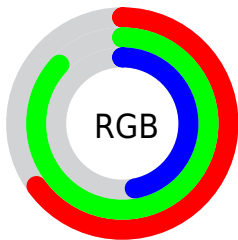
Format	Color
RYB	121, 223, 179
Decimal	10870649
CIELab	83.00, -35.98, 43.96
CIELCh	83, 56.811, 129.301
Yxy	62.1552, 0.3355, 0.4597
Android (android.graphics.Color)	4289060729 (0xFFA5DF79)
YUV	194.0300, -36.0038, -25.4593
Hunter-Lab	78.8385, -35.2762, 34.3585

Details

The YUV color **194.0300, -36.0038, -25.4593** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **149.9700, 36.0038, 25.4593**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0130, -30.0794, -12.2894**, and **138.8990, -33.9672, -25.3444** is the 20% darker color. If you saturate the color by 10%, you get **187.6350, -43.6971, -31.2519**, and if you desaturate by 10%, it is **200.4250, -28.3105, -19.6667**.

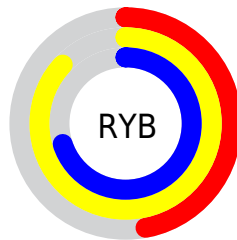
Distribution



Red (65%)

Green (87%)

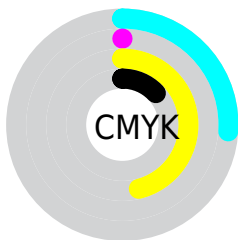
Blue (47%)



Red (47%)

Yellow (87%)

Blue (70%)

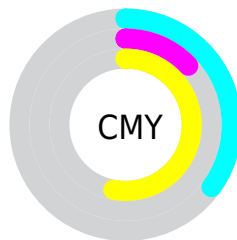


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0300, -36.0038, -25.4593 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 194.0300, -36.0038, -25.4593 by changing the saturation by 10% instead.

■ 194.0300,
-36.0038, -25.4593

■ 194.0300,
-36.0038, -25.4593

255.0000, 0.0000,
0.0000

■ 166.2580,
-35.1302, -25.6593

■ 236.0130,
-30.0794, -12.2894

■ 138.8990,
-33.9672, -25.3444

■ 247.8760,
-22.1239, 2.7397

■ 112.8990,
-33.9672, -25.3444

■ 252.2640,
-10.4832, 2.3995

■ 86.3720, -34.6934,
-25.7592

■ 61.5010, -30.3200,
-28.5034

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 194.0300,
-36.0038, -25.4593

■ 194.0300,
-36.0038, -25.4593

■ 187.6350,
-43.6971, -31.2519

■ 200.4250,
-28.3105, -19.6667

■ 181.4250,
-51.9745, -36.3297

■ 206.6350,
-20.0331, -14.5889

■ 175.0300,
-59.6678, -42.1223

■ 213.0300,
-12.3398, -8.7963

■ 168.6350,
-67.3611, -47.9149

■ 219.4250, -4.6465,
-3.0037

■ 162.5390,
-75.2017, -53.0927

■ 225.6350, 3.6309,
2.0741

■ 159.6050,
-78.6853, -55.7816

■ 232.0300, 11.3242,
7.8667

■ 235.9170, 9.4079,
15.8588

■ 236.2160, 9.2605,
16.4736

Harmonies

Analogous

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



200.4180, -50.9851, 19.8044



194.0300, -36.0038, -25.4593



180.9470, -6.8759, -81.5145

Triad

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



194.0300, -36.0038, -25.4593



159.3840, 47.1387, -139.7798



193.2270, -0.6049, 54.1749

Complementary

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



194.0300, -36.0038, -25.4593



149.9700, 36.0038, 25.4593

Split Complementary

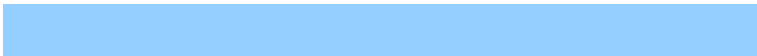
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202.9050, 21.2458, 45.6873



194.0300, -36.0038, -25.4593



194.8310, 29.6633, -41.0708

Square

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



194.0300, -36.0038, -25.4593



164.6670, 44.5342, -144.4130



207.9190, 23.2109, 21.9960



193.3970, -25.3387, 54.0258

Rectangle

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



194.0300, -36.0038, -25.4593



160.6140, 21.3893, -140.8585



207.9190, 23.2109, 21.9960



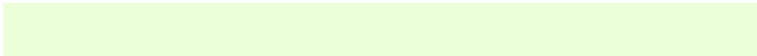
195.2790, 7.2575, 52.3753

Sweetspot

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



194.0300, -36.0038, -25.4593



244.9160, -12.7766, -8.6963



185.5440, -31.8202, 32.8489



121.6050, -7.6933, -5.7926



0.0000, 0.0000, 0.0000



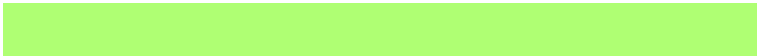
128.0000, 0.0000, 0.0000

Same Dimension

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



194.0300, -36.0038, -25.4593



215.1200, -49.3592, -35.1852



181.6720, -26.4603, -53.2093



108.9520, -3.9203, -2.5889



126.0360, -62.1357, -43.8816



34.4550, -16.9863, -11.8000

Inverse Universe

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



149.9700, 36.0038, 25.4593



154.8800, 49.3592, 35.1852



162.3280, 26.4603, 53.2093



104.0480, 3.9203, 2.5889



49.9640, 62.1357, 43.8816



13.8440, 16.8389, 12.4148

Previews

White Background



This preview shows how the YUV color 194.0300, -36.0038, -25.4593 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 194.0300, -36.0038, -25.4593 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 194.0300, -36.0038, -25.4593 Background



This preview shows how black text looks on a background with the YUV color 194.0300, -36.0038, -25.4593.



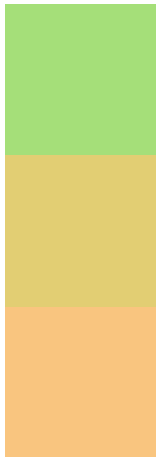
This preview shows how white text looks on a background with the YUV color 194.0300, -36.0038, -25.4593.

-25.4593.

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

194.0300, -36.0038, -25.4593

Protanopia

201.6060, -42.6968, 21.3935

Deuteranopia

204.5680, -38.2410, 38.9669



Tritanopia

203.9680, 11.8478, -20.1429

Trichromacy



Original Color

194.0300, -36.0038, -25.4593



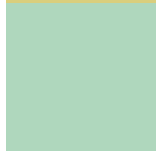
Protanomaly

198.7780, -40.3166, 4.5797



Deuteranomaly

200.3540, -37.1495, 15.4755



Tritanomaly

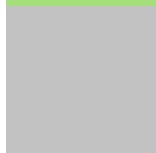
200.0760, -5.4605, -21.9917

Monochromacy



Original Color

194.0300, -36.0038, -25.4593



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.0900, -13.3554, -9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0300, -36.0038, -25.4593 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(165, 223, 121)` looks like.

```
.text, #text, p{  
    color:rgb(165, 223, 121)  
}
```

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(165, 223, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 223, 121) }
```

Border

The CSS property to change the border of an element to YUV 194.0300, -36.0038, -25.4593 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(165, 223, 121) }
```


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

```
.border{ border-color:rgb(165, 223, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 223, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 223, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 223, 121);  
box-shadow:4px 4px 4px 4px rgb(165, 223,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 194.0300, -36.0038, -25.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 223, 121) }
```

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

```
.background{ background-color: rgb(165,  
223, 121) }
```

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