

Converting Colors

YUV(208.4900, -20.4546,
-66.2047)

Have a look what the booklet for
YUV(208.4900, -20.4546, -66.2047)
contains.

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Color

**YUV(208.4900, -20.4546,
-66.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFA7
RGB	133, 255, 167
RGB Percent	52%, 100%, 65%
CMY	0.4784, 0.0000, 0.3451
CMYK	0.48, 0.00, 0.35, 0.00
HSL	137°, 100%, 76%
HSV	137°, 48%, 100%
XYZ	52.4079, 79.2966, 49.1028
YIQ	208.4900, -44.4640, -53.2320

Conversions

Conversions Part 2

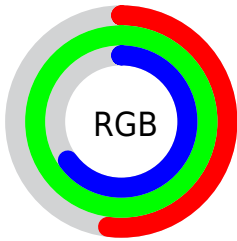
Format	Color
RYB	133, 228, 255
Decimal	8781735
CIELab	91.37, -52.79, 31.75
CIELCh	91, 61.600, 148.978
Yxy	79.2966, 0.2899, 0.4386
Android (android.graphics.Color)	4286971815 (0xFF85FFA7)
YUV	208.4900, -20.4546, -66.2047
Hunter-Lab	89.0486, -50.7822, 29.6406

Details

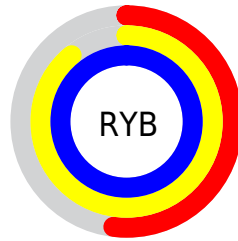
The YUV color **208.4900, -20.4546, -66.2047** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **179.5100, 20.4546, 66.2047**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5150, -4.6909, -35.5317**, and **150.1630, -17.8284, -68.5490** is the 20% darker color. If you saturate the color by 10%, you get **198.9630, -24.6318, -79.7746**, and if you desaturate by 10%, it is **218.3160, -16.4248, -52.0201**.

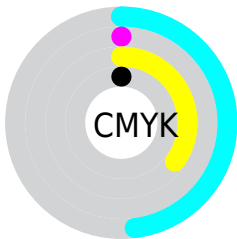
Distribution



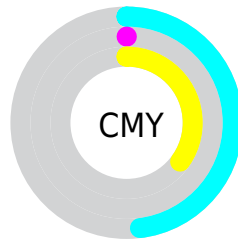
- Red (52%)
- Green (100%)
- Blue (65%)



- Red (52%)
- Yellow (89%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.4900, -20.4546, -66.2047 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 208.4900, -20.4546, -66.2047 by changing the saturation by 10% instead.

208.4900,
-20.4546, -66.2047

208.4900,
-20.4546, -66.2047

255.0000, 0.0000,
0.0000

179.4190,
-19.4336, -67.0195

232.5150, -4.6909,
-35.5317

150.1630,
-17.8284, -68.5490

244.6770, 3.1172,
-19.8877

120.7000,
-15.6281, -74.2819

254.1030, 0.4422,
-1.8443

90.7640, -12.7017,
-79.6000

72.7660, -15.6606,
-63.8158

54.7680, -18.6196,
-48.0315

38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 208.4900,
-20.4546, -66.2047

■ 208.4900,
-20.4546, -66.2047

■ 198.9630,
-24.6318, -79.7746

■ 218.3160,
-16.4248, -52.0201

■ 189.0230,
-29.0983, -93.8592

■ 227.9570,
-11.8108, -38.5503

■ 179.4960,
-33.2755, -107.4290

■ 237.7830, -7.7810,
-24.3657

■ 169.5560,
-37.7421, -121.5136

■ 247.4240, -3.1670,
-10.8958

■ 160.0290, 255.0000, 0.0000,
-41.9193, -135.0834 0.0000

■ 157.7790,
-42.7820, -138.3722

Harmonies

Analogous

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



219.4420, -47.5459, -10.0346



208.4900, -20.4546, -66.2047



175.4490, 24.9216, -153.8688

Triad

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



208.4900, -20.4546, -66.2047



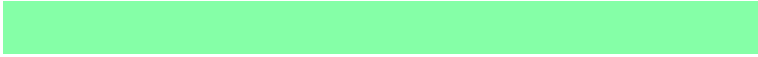
204.0690, 25.1090, -73.7285



205.4910, -14.5391, 43.4194

Complementary

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



208.4900, -20.4546, -66.2047



179.5100, 20.4546, 66.2047

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.



209.2820, 12.6790, 40.0947



208.4900, -20.4546, -66.2047



224.9310, 14.8240, 5.3225

Square

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



208.4900, -20.4546, -66.2047



176.9940, 38.4570, -155.2237



218.6060, 17.9422, 31.9175



211.4000, -40.1302, 38.2372

Rectangle

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



208.4900, -20.4546, -66.2047



178.7550, 37.5888, -156.7681



218.6060, 17.9422, 31.9175



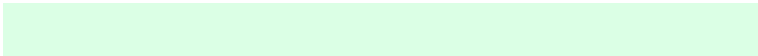
205.8960, -5.3717, 43.0642

Sweetspot

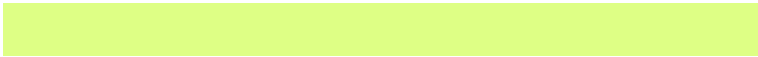
The Sweet Spot groups the original color and five complimentary colors.



208.4900, -20.4546, -66.2047



241.2720, -6.0501, -19.5325



231.2250, -48.4249, -8.0903



119.5980, -3.7458, -11.9254



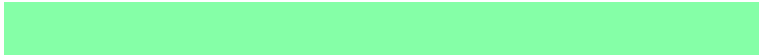
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



208.4900, -20.4546, -66.2047



199.6750, -24.4898, -78.6450



215.3300, 5.7533, -72.2034



122.9730, -2.4517, -6.9923



118.1590, -32.1234, -103.6254



39.6200, -10.6587, -34.7467

Inverse Universe

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



179.5100, 20.4546, 66.2047



165.2110, 24.0530, 78.7450



172.6700, -5.7533, 72.2034



119.9130, 2.0149, 7.0923



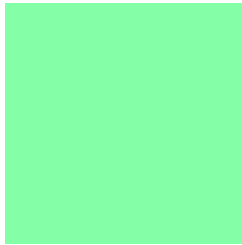
72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 208.4900, -20.4546, -66.2047 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 208.4900, -20.4546, -66.2047 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 208.4900, -20.4546, -66.2047 Background



This preview shows how black text looks on a background with the YUV color 208.4900, -20.4546, -66.2047.



This preview shows how white text looks on a background with the YUV color 208.4900, -20.4546, -66.2047.

-66.2047.

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

208.4900, -20.4546, -66.2047

Protanopia

226.3590, -34.6870, 18.9792

Deuteranopia

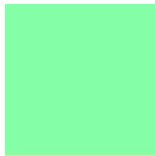
229.6040, -16.0738, 22.2723



Tritanopia

222.8730, 15.8386, -40.2306

Trichromacy



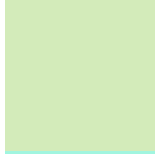
Original Color

208.4900, -20.4546, -66.2047



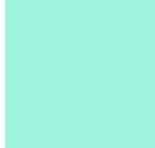
Protanomaly

219.5400, -29.3532, -11.8746



Deuteranomaly

222.2380, -17.8653, -9.8557



Tritanomaly

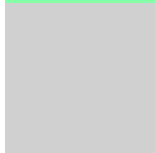
217.3760, 2.7726, -49.4418

Monochromacy



Original Color

208.4900, -20.4546, -66.2047



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.1960, -7.4916, -23.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.4900, -20.4546, -66.2047 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(133, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 167)  
}
```

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(133, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 167) }
```

Border

The CSS property to change the border of an element to YUV 208.4900, -20.4546, -66.2047 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(133, 255, 167) }
```


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

```
.border{ border-color:rgb(133, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 208.4900, -20.4546, -66.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 167) }
```

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

```
.background{ background-color: rgb(133,  
255, 167) }
```

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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