

Converting Colors

YUV(206.0400, -24.6697,
-67.5641)

Have a look what the booklet for
YUV(206.0400, -24.6697, -67.5641)
contains.

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Color

**YUV(206.0400, -24.6697,
-67.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	81FF9C
RGB	129, 255, 156
RGB Percent	51%, 100%, 61%
CMY	0.4941, 0.0000, 0.3882
CMYK	0.49, 0.00, 0.39, 0.00
HSL	133°, 100%, 75%
HSV	133°, 49%, 100%
XYZ	50.8140, 78.5874, 43.9432
YIQ	206.0400, -43.3170, -57.5010

Conversions

Conversions Part 2

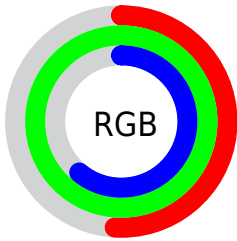
Format	Color
RYB	129, 233, 255
Decimal	8519580
CIELab	91.05, -55.60, 36.76
CIELCh	91, 66.660, 146.528
Yxy	78.5874, 0.2931, 0.4534
Android (android.graphics.Color)	4286709660 (0xFF81FF9C)
YUV	206.0400, -24.6697, -67.5641
Hunter-Lab	88.6495, -52.8203, 32.6649

Details

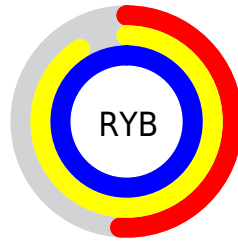
The YUV color **206.0400, -24.6697, -67.5641** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **177.9600, 24.6697, 67.5641**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9510, -9.3428, -36.7910**, and **147.4140, -21.8961, -70.5231** is the 20% darker color. If you saturate the color by 10%, you get **196.2850, -29.7205, -80.9339**, and if you desaturate by 10%, it is **216.0940, -19.7663, -53.5794**.

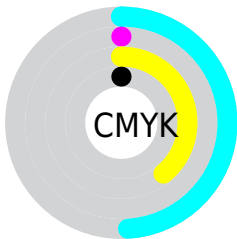
Distribution



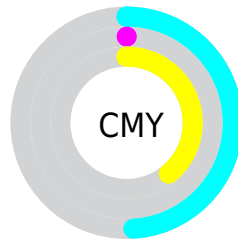
- Red (51%)
- Green (100%)
- Blue (61%)



- Red (51%)
- Yellow (91%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.0400, -24.6697, -67.5641 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 206.0400, -24.6697, -67.5641 by changing the saturation by 10% instead.

■ 206.0400,
-24.6697, -67.5641

■ 206.0400,
-24.6697, -67.5641

■ 255.0000, 0.0000,
0.0000

■ 176.9690,
-23.6487, -68.3788

■ 229.9510, -9.3428,
-36.7910

■ 147.4140,
-21.8961, -70.5231

■ 242.2270, -1.0979,
-21.2471

■ 115.8690,
-18.6694, -78.8151

■ 252.9070, 1.0318,
-4.3034

■ 89.5100, -17.5064,
-78.5003

■ 71.3980, -20.9022,
-62.6160

■ 52.9440, -25.6084,
-46.4319

■ 38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 206.0400,
-24.6697, -67.5641

■ 206.0400,
-24.6697, -67.5641

■ 196.2850,
-29.7205, -80.9339

■ 216.0940,
-19.7663, -53.5794

■ 186.2310,
-34.6239, -94.9186

■ 225.8490,
-14.7156, -40.2096

■ 176.4760,
-39.6747, -108.2885

■ 235.9030, -9.8122,
-26.2249

■ 166.4220,
-44.5780, -122.2731

■ 245.6580, -4.7614,
-12.8551

■ 156.6670, 255.0000, 0.0000,
-49.6288, -135.6430 0.0000

■ 155.9550,
-49.7708, -136.7725

Harmonies

Analogous

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



217.8570, -53.6665, -6.8906



206.0400, -24.6697, -67.5641



174.7650, 22.3009, -153.2689

Triad

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



206.0400, -24.6697, -67.5641



191.7990, 31.1581, -100.6787



201.3820, -12.5133, 47.0230

Complementary

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



206.0400, -24.6697, -67.5641



177.9600, 24.6697, 67.5641

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.



206.2160, 16.1625, 42.7836



206.0400, -24.6697, -67.5641



221.9410, 16.2981, -0.8253

Square

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



206.0400, -24.6697, -67.5641



178.1680, 37.8782, -156.2533



216.8450, 18.8104, 33.4619



207.7810, -41.3040, 41.4111

Rectangle

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



206.0400, -24.6697, -67.5641



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619



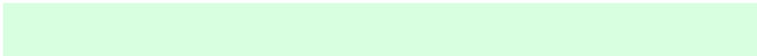
201.9010, -2.9092, 46.5678

Sweetspot

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



206.0400, -24.6697, -67.5641



240.2180, -7.5025, -20.3622



233.1610, -51.3514, -2.7722



118.9570, -4.9088, -12.2403



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.



206.0400, -24.6697, -67.5641



196.6980, -29.4311, -80.4191



212.9940, 1.9750, -73.6627



122.8590, -2.8885, -6.8923



116.7910, -37.3650, -102.4257



39.1640, -12.4059, -34.3468

Inverse Universe

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



177.9600, 24.6697, 67.5641



163.3020, 29.4311, 80.4191



171.0060, -1.9750, 73.6627



120.0270, 2.4517, 6.9923



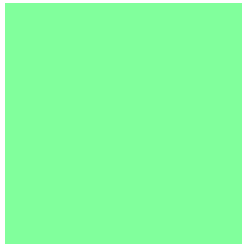
74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 206.0400, -24.6697, -67.5641 looks on a white background.

Color Contrast Check

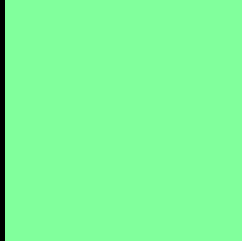
Large Text (above 18pt) WCAG AA × Fail

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 206.0400, -24.6697, -67.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

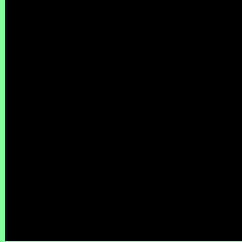
Any Text WCAG AA ✓ Pass

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 206.0400, -24.6697, -67.5641 Background



This preview shows how black text looks on a background with the YUV color 206.0400, -24.6697, -67.5641.



This preview shows how white text looks on a background with the YUV color 206.0400, -24.6697, -67.5641.

-67.5641.

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

206.0400, -24.6697, -67.5641

Protanopia

224.5180, -39.2024, 20.5937

Deuteranopia

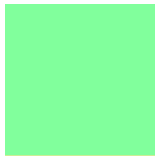
228.4470, -17.9684, 23.2870



Tritanopia

221.0900, 16.7176, -42.1749

Trichromacy



Original Color

206.0400, -24.6697, -67.5641



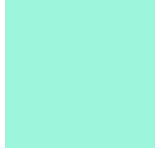
Protanomaly

217.9870, -34.0106, -11.3896



Deuteranomaly

220.2550, -20.3387, -9.8706



Tritanomaly

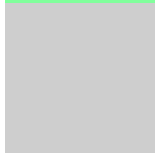
215.7240, 1.6151, -51.5009

Monochromacy



Original Color

206.0400, -24.6697, -67.5641



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.1420, -8.9440, -24.6805

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.0400, -24.6697, -67.5641 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(129, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 156)  
}
```

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(129, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 156) }
```

Border

The CSS property to change the border of an element to YUV 206.0400, -24.6697, -67.5641 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(129, 255, 156) }
```


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

```
.border{ border-color:rgb(129, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 206.0400, -24.6697, -67.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 156) }
```

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

```
.background{ background-color: rgb(129,  
255, 156) }
```

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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