

Converting Colors

YUV(209.6180, -78.1987,
-25.0980)

Have a look what the booklet for
YUV(209.6180, -78.1987, -25.0980)
contains.

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Color

**YUV(209.6180, -78.1987,
-25.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF33
RGB	181, 255, 51
RGB Percent	71%, 100%, 20%
CMY	0.2902, 0.0000, 0.8000
CMYK	0.29, 0.00, 0.80, 0.00
HSL	82°, 100%, 60%
HSV	82°, 80%, 100%
XYZ	55.4136, 81.5828, 15.9584
YIQ	209.6180, 21.3800, -79.1320

Conversions

Conversions Part 2

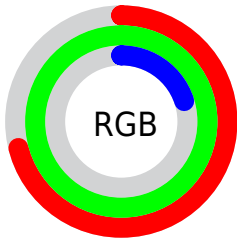
Format	Color
R _Y B	51, 255, 125
Decimal	11927347
CIE Lab	92.39, -49.50, 81.43
CIE LCh	92, 95.297, 121.295
Yxy	81.5828, 0.3623, 0.5334
Android (android.graphics.Color)	4290117427 (0xFFB5FF33)
YUV	209.6180, -78.1987, -25.0980
Hunter-Lab	90.3232, -48.5552, 52.7508

Details

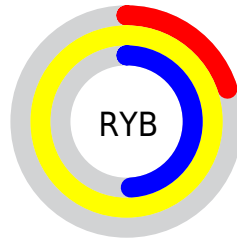
The YUV color **209.6180, -78.1987, -25.0980** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **96.3820, 78.1987, 25.0980**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8540, -59.0880, 5.3900**, and **152.7040, -75.2831, -26.9274** is the 20% darker color. If you saturate the color by 10%, you get **203.9630, -88.2288, -28.0316**, and if you desaturate by 10%, it is **215.2730, -68.1686, -22.1644**.

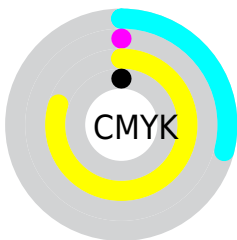
Distribution



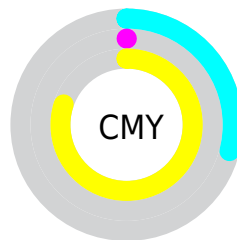
- Red (71%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (49%)



- Cyan (29%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.6180, -78.1987, -25.0980 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 209.6180, -78.1987, -25.0980 by changing the saturation by 10% instead.

■ 209.6180,
-78.1987, -25.0980

■ 209.6180,
-78.1987, -25.0980

■ 255.0000, 0.0000,
0.0000

■ 177.8110,
-87.6608, -23.5132

■ 234.8540,
-59.0880, 5.3900

■ 152.7040,
-75.2831, -26.9274

■ 242.4600,
-48.0478, 10.9976

■ 127.2980,
-62.7579, -30.9563

■ 245.7660,
-35.3806, 8.0982

■ 101.8810,
-50.2273, -36.7296

■ 249.1860,
-22.2767, 5.0989

■ 74.9580, -36.9543,
-47.3212

■ 252.4920, -9.6096,
2.1995

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 209.6180,
-78.1987, -25.0980

■ 209.6180,
-78.1987, -25.0980

■ 203.9630,
-88.2288, -28.0316

■ 215.2730,
-68.1686, -22.1644

■ 198.4220,
-97.8220, -31.0651

■ 221.1130,
-58.7227, -18.5161

■ 226.7680,
-48.6926, -15.5825

■ 232.3090,
-39.0993, -12.5490

■ 237.9640,
-29.0693, -9.6154

■ 243.8040,
-19.6234, -5.9671

■ 249.4590, -9.5933,
-3.0335

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.2550, -104.1487, 38.3644



209.6180, -78.1987, -25.0980



165.6450, -12.6430, -145.2707

Triad

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



209.6180, -78.1987, -25.0980



178.7550, 37.5888, -156.7681



183.8130, 24.2492, 62.4310

Complementary

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



209.6180, -78.1987, -25.0980



96.3820, 78.1987, 25.0980

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.



201.5830, 26.3346, 46.8467



209.6180, -78.1987, -25.0980



171.7110, 41.0615, -150.5905

Square

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



209.6180, -78.1987, -25.0980



178.7550, 37.5888, -156.7681



220.8440, 16.8389, 12.4148



183.5320, -19.9823, 62.6774

Rectangle

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



209.6180, -78.1987, -25.0980



172.7130, 14.4385, -151.4693



220.8440, 16.8389, 12.4148



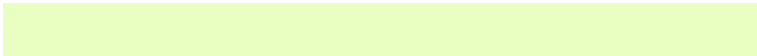
189.2560, 32.4118, 57.6575

Sweetspot

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



209.6180, -78.1987, -25.0980



241.4680, -23.4017, -7.4264



153.6730, -50.6178, 88.8638



119.5960, -14.0978, -4.9077



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.



209.6180, -78.1987, -25.0980



200.4590, -93.8963, -30.2205



180.0170, -63.6054, -85.9609



125.0230, -4.9413, -1.7742



148.5950, -73.2573, -23.3238



49.8270, -24.5647, -7.7413

Inverse Universe

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



96.3820, 78.1987, 25.0980



64.5410, 93.8963, 30.2205



125.9830, 63.6054, 85.9609



117.6780, 5.0887, 1.1594



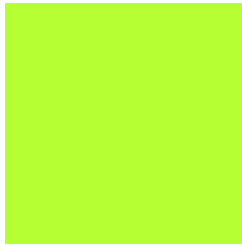
42.4050, 73.2573, 23.3238



14.1730, 24.5647, 7.7413

Previews

White Background



This preview shows how the YUV color 209.6180, -78.1987, -25.0980 looks on a white background.

Color Contrast Check

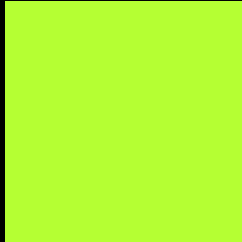
Large Text (above 18pt) WCAG AA × Fail

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 209.6180, -78.1987, -25.0980 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 209.6180, -78.1987, -25.0980 Background



This preview shows how black text looks on a background with the YUV color 209.6180, -78.1987, -25.0980.



This preview shows how white text looks on a background with the YUV color 209.6180, -78.1987, -25.0980.

-25.0980.

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

209.6180, -78.1987, -25.0980

Protanopia

227.0380, -51.2907, 24.5227

Deuteranopia

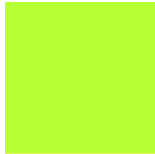
232.0830, -19.2679, 20.0982



Tritanopia

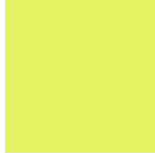
229.7830, 12.4320, -20.8577

Trichromacy



Original Color

209.6180, -78.1987, -25.0980



Protanomaly

220.6970, -60.9826, 6.4047



Deuteranomaly

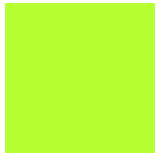
223.9520, -40.8953, 3.5501



Tritanomaly

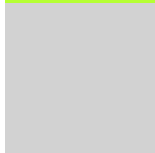
222.7650, -20.5901, -22.5959

Monochromacy



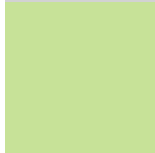
Original Color

209.6180, -78.1987, -25.0980



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.4910, -28.3431, -9.2006

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6180, -78.1987, -25.0980 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(181, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 51)  
}
```

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(181, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 51) }
```

Border

The CSS property to change the border of an element to YUV 209.6180, -78.1987, -25.0980 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(181, 255, 51) }
```


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

```
.border{ border-color:rgb(181, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 209.6180, -78.1987, -25.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 51) }
```

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

```
.background{ background-color: rgb(181,  
255, 51) }
```

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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