

Converting Colors

YUV(209.6370, -20.0340,
-61.0716)

Have a look what the booklet for
YUV(209.6370, -20.0340, -61.0716)
contains.

YUV(209.6370, -20.0340, -61.0716)	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(209.6370, -20.0340,
-61.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFDA9
RGB	140, 253, 169
RGB Percent	55%, 99%, 66%
CMY	0.4510, 0.0078, 0.3373
CMYK	0.45, 0.00, 0.33, 0.01
HSL	135°, 97%, 77%
HSV	135°, 45%, 99%
XYZ	53.1019, 78.6906, 49.9262
YIQ	209.6370, -40.3840, -50.0800

Conversions

Conversions Part 2

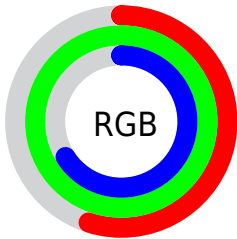
Format	Color
RYB	140, 230, 253
Decimal	9239977
CIELab	91.09, -49.81, 30.42
CIELCh	91, 58.361, 148.584
Yxy	78.6906, 0.2922, 0.4330
Android (android.graphics.Color)	4287430057 (0xFF8CFDA9)
YUV	209.6370, -20.0340, -61.0716
Hunter-Lab	88.7077, -48.3854, 28.7260

Details

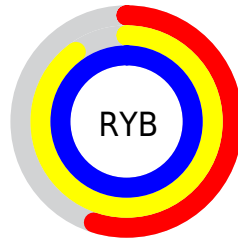
The YUV color **209.6370, -20.0340, -61.0716** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **183.3630, 20.0340, 61.0716**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5370, -4.7017, -32.0429**, and **152.7940, -18.1394, -62.0863** is the 20% darker color. If you saturate the color by 10%, you get **199.9960, -24.6480, -74.5415**, and if you desaturate by 10%, it is **219.2780, -15.4201, -47.6018**.

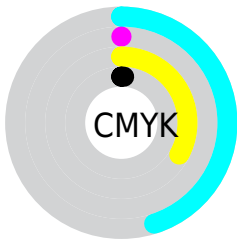
Distribution



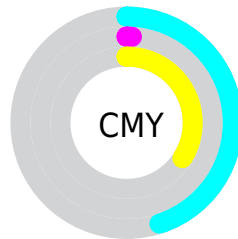
- Red (55%)
- Green (99%)
- Blue (66%)



- Red (55%)
- Yellow (90%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.6370, -20.0340, -61.0716 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 209.6370, -20.0340, -61.0716 by changing the saturation by 10% instead.

■ 209.6370,
-20.0340, -61.0716

■ 209.6370,
-20.0340, -61.0716

255.0000, 0.0000,
0.0000

■ 180.8650,
-19.1604, -61.2716

■ 234.5370, -4.7017,
-32.0429

■ 152.7940,
-18.1394, -62.0863

■ 246.8130, 3.5432,
-16.4990

■ 123.6410,
-16.0920, -65.4602

■ 90.4050, -11.5387,
-79.2852

■ 71.8200, -14.2083,
-62.9861

■ 54.4090, -17.4566,
-47.7167

■ 37.5680, -18.5210,

-32.9471

■ 25.2410, -12.4438,
-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 209.6370,
-20.0340, -61.0716

■ 209.6370,
-20.0340, -61.0716

■ 199.9960,
-24.6480, -74.5415

■ 219.2780,
-15.4201, -47.6018

■ 190.0560,
-29.1146, -88.6261

■ 229.2180,
-10.9535, -33.5172

■ 180.5290,
-33.2918, -102.1959

■ 238.7450, -6.7763,
-19.9474

■ 170.8880,
-37.9058, -115.6658

■ 248.3860, -2.1623,
-6.4775

■ 161.2470,
-42.5198, -129.1356

253.8260, 0.5788,
1.0296

■ 155.9210,
-44.8241, -136.7427

Harmonies

Analogous

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



219.1370, -44.9305, -8.8901



209.6370, -20.0340, -61.0716



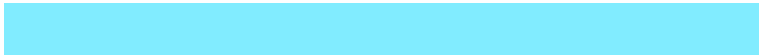
175.3350, 24.4848, -153.7688

Triad

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



209.6370, -20.0340, -61.0716



206.1730, 24.0717, -67.6807



207.0070, -13.8075, 42.0899

Complementary

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



209.6370, -20.0340, -61.0716



183.3630, 20.0340, 61.0716

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.



210.9290, 11.3740, 38.6503



209.6370, -20.0340, -61.0716



224.6320, 14.9714, 4.7077

Square

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



209.6370, -20.0340, -61.0716



175.8200, 39.0357, -154.1941



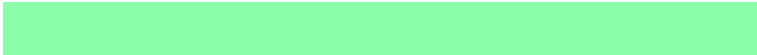
219.7800, 17.3635, 30.8879



211.9700, -37.9462, 37.7373

Rectangle

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



209.6370, -20.0340, -61.0716



178.7550, 37.5888, -156.7681



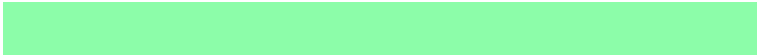
219.7800, 17.3635, 30.8879



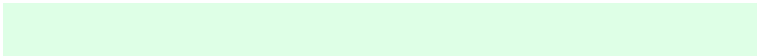
207.2980, -5.0769, 41.8347

Sweetspot

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



209.6370, -20.0340, -61.0716



242.2830, -6.0555, -17.7882



231.7460, -45.2308, -5.9162



119.8970, -3.8932, -11.3107



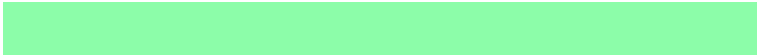
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



209.6370, -20.0340, -61.0716



202.1100, -24.2112, -74.6415



216.0210, 4.4266, -66.6704



122.9730, -2.4517, -6.9923



117.7030, -33.8706, -103.2255



39.3920, -11.5323, -34.5468

Inverse Universe

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



183.3630, 20.0340, 61.0716



170.0040, 24.6480, 74.5415



176.9790, -4.4266, 66.6704



119.9130, 2.0149, 7.0923



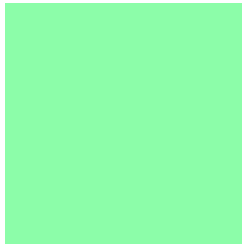
73.2970, 33.8706, 103.2255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 209.6370, -20.0340, -61.0716 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 209.6370, -20.0340, -61.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

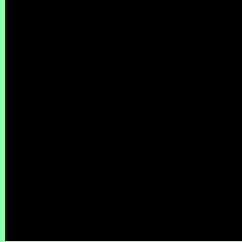
Any Text WCAG AA ✓ Pass

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 209.6370, -20.0340, -61.0716 Background



This preview shows how black text looks on a background with the YUV color 209.6370, -20.0340, -61.0716.



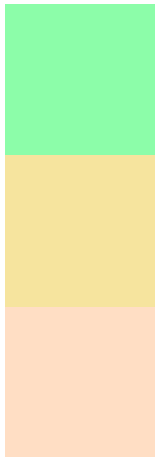
This preview shows how white text looks on a background with the YUV color 209.6370, -20.0340, -61.0716.

-61.0716.

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

209.6370, -20.0340, -61.0716

Protanopia

225.4020, -33.2292, 18.0644

Deuteranopia

228.9030, -16.2212, 22.8871



Tritanopia

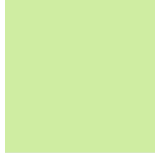
221.9870, 16.2754, -40.3306

Trichromacy



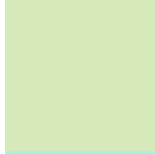
Original Color

209.6370, -20.0340, -61.0716



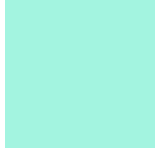
Protanomaly

219.4800, -28.3376, -10.9450



Deuteranomaly

221.6620, -17.5814, -7.5966



Tritanomaly

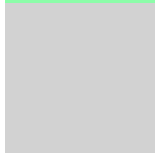
217.5010, 3.2040, -47.7974

Monochromacy



Original Color

209.6370, -20.0340, -61.0716



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.2070, -7.4971, -22.1065

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6370, -20.0340, -61.0716 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(140, 253, 169)` looks like.

```
.text, #text, p{  
    color:rgb(140, 253, 169)  
}
```

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(140, 253, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 253, 169) }
```

Border

The CSS property to change the border of an element to YUV 209.6370, -20.0340, -61.0716 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(140, 253, 169) }
```


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

```
.border{ border-color:rgb(140, 253, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 253, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 253, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 253, 169);  
box-shadow:4px 4px 4px 4px rgb(140, 253,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 209.6370, -20.0340, -61.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 253, 169) }
```

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

```
.background{ background-color: rgb(140,  
253, 169) }
```

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