

Converting Colors

YUV(201.7060, 5.5679,
-59.3782)

Have a look what the booklet for
YUV(201.7060, 5.5679, -59.3782)
contains.

YUV(201.7060, 5.5679, -59.3782)	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(201.7060, 5.5679,
-59.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	86EAD5
RGB	134, 234, 213
RGB Percent	53%, 92%, 84%
CMY	0.4745, 0.0824, 0.1647
CMYK	0.43, 0.00, 0.09, 0.08
HSL	167°, 70%, 72%
HSV	167°, 43%, 92%
XYZ	51.2646, 68.7181, 73.5128
YIQ	201.7060, -52.8590, -27.7310

Conversions

Conversions Part 2

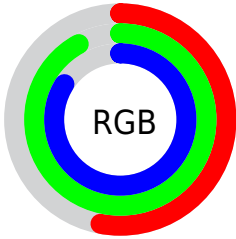
Format	Color
RYB	134, 190, 234
Decimal	8841941
CIELab	86.36, -34.22, 1.04
CIELCh	86, 34.239, 178.267
Yxy	68.7181, 0.2649, 0.3551
Android (android.graphics.Color)	4287032021 (0xFF86EAD5)
YUV	201.7060, 5.5679, -59.3782
Hunter-Lab	82.8964, -34.6811, 5.4489

Details

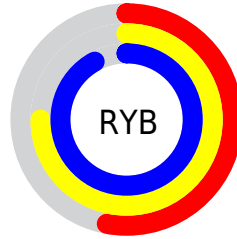
The YUV color **201.7060, 5.5679, -59.3782** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.2940, -5.5679, 59.3782**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **145.2220, 6.2996, -60.7077** is the 20% darker color. If you saturate the color by 10%, you get **194.2590, 6.7743, -73.0181**, and if you desaturate by 10%, it is **209.1530, 4.3616, -45.7382**.

Distribution



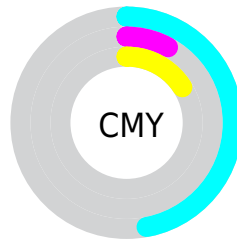
- Red (53%)
- Green (92%)
- Blue (84%)



- Red (53%)
- Yellow (75%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.7060, 5.5679, -59.3782 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 201.7060, 5.5679, -59.3782 by changing the saturation by 10% instead.

201.7060, 5.5679,
-59.3782

201.7060, 5.5679,
-59.3782

255.0000, 0.0000,
0.0000

173.4070, 5.7153,
-59.9929

235.8640, 9.4340,
-39.3457

145.2220, 6.2996,
-60.7077

244.8340, 5.0118,
-20.9024

117.1400, 7.3260,
-63.2668

253.8040, 0.5896,
-2.4591

84.9860, 10.8529,
-74.5327

67.5750, 7.6045,
-59.2633

50.2780, 4.7929,
-44.0938

34.2690, 1.8394,

-30.0539

■ 20.2490, -1.1088,
-17.7584

■ 0.0000, 0.0000,
0.0000

■ 201.7060, 5.5679,
-59.3782

■ 201.7060, 5.5679,
-59.3782

■ 194.2590, 6.7743,
-73.0181

■ 209.1530, 4.3616,
-45.7382

■ 186.5130, 8.1281,
-87.2729

■ 216.8990, 3.0078,
-31.4834

■ 179.0660, 9.3345,
-100.9129

■ 224.3460, 1.8014,
-17.8434

■ 171.3200, 10.6882,
-115.1676

■ 232.0920, 0.4476,
-3.5887

■ 163.8730, 11.8946,
-128.8076

■ 239.5390, -0.7587,
10.0513

■ 158.4480, 13.0901,
-138.9589

■ 241.1910, 0.3988,
12.1105

■ 241.7610, 2.5828,
11.6106

■ 242.3310, 4.7668,
11.1107

■ 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



206.7620, -12.7007, -33.1173



201.7060, 5.5679, -59.3782



198.9010, 23.2198, -74.4582

Triad

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



201.7060, 5.5679, -59.3782



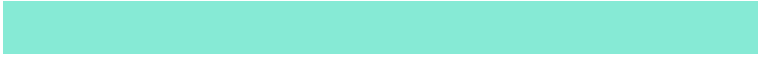
216.3480, 19.0554, 1.4488



213.2870, -25.2845, 36.5823

Complementary

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



201.7060, 5.5679, -59.3782



166.2940, -5.5679, 59.3782

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.



211.4410, -12.0494, 38.2012



201.7060, 5.5679, -59.3782



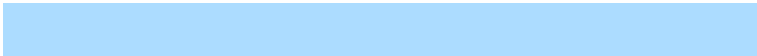
221.0850, 14.7481, 29.7435

Square

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



201.7060, 5.5679, -59.3782



209.6380, 22.3635, -33.0085



213.9150, 2.5069, 36.0315



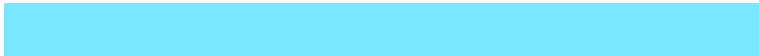
214.3040, -31.2089, 23.4124

Rectangle

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



201.7060, 5.5679, -59.3782



200.5470, 26.8453, -70.6397



213.9150, 2.5069, 36.0315



212.3240, -21.3587, 37.4269

Sweetspot

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



201.7060, 5.5679, -59.3782



244.3350, 1.8068, -19.5878



199.2780, -32.1821, -37.9548



121.1510, 0.9116, -12.4104



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.



201.7060, 5.5679, -59.3782



213.0520, 7.3694, -77.2216



187.6640, 22.8436, -47.0633



113.4830, 0.7479, -6.5626



122.5490, 10.0823, -107.4755



36.4860, 2.7184, -31.9982

Inverse Universe

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



166.2940, -5.5679, 59.3782



166.9480, -7.3694, 77.2216



180.3360, -22.8436, 47.0633



109.5170, -0.7479, 6.5626



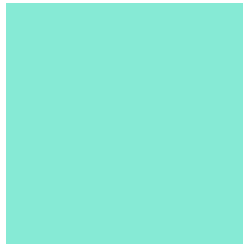
58.4510, -10.0823, 107.4755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 201.7060, 5.5679, -59.3782 looks on a white background.

Color Contrast Check

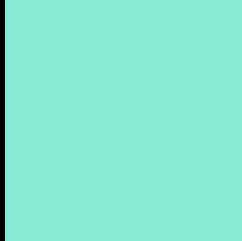
Large Text (above 18pt) WCAG AA × Fail

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 201.7060, 5.5679, -59.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

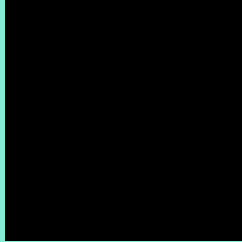
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

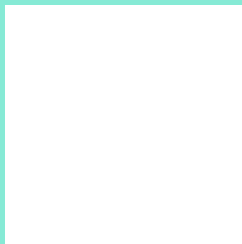
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.7060, 5.5679, -59.3782

Background



This preview shows how black text looks on a background with the YUV color 201.7060, 5.5679, -59.3782.



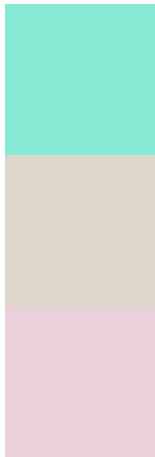
This preview shows how white text looks on a background with the YUV color 201.7060, 5.5679, -59.3782.

-59.3782.

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

201.7060, 5.5679, -59.3782

Protanopia

215.0240, -6.4208, 6.1180

Deuteranopia

216.9140, 0.5354, 14.9844



Tritanopia

205.3380, 20.5394, -54.6704

Trichromacy



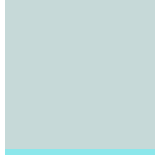
Original Color

201.7060, 5.5679, -59.3782



Protanomaly

210.0210, -1.9824, -17.5584



Deuteranomaly

211.2050, 2.3639, -11.5808



Tritanomaly

204.2470, 15.1612, -56.3446

Monochromacy



Original Color

201.7060, 5.5679, -59.3782



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7060, 5.5679, -59.3782 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(134, 234, 213)` looks like.

```
.text, #text, p{  
    color:rgb(134, 234, 213)  
}
```

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(134, 234, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 234, 213) }
```

Border

The CSS property to change the border of an element to YUV 201.7060, 5.5679, -59.3782 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(134, 234, 213) }
```


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

```
.border{ border-color:rgb(134, 234, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 234, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 234, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 234, 213);  
box-shadow:4px 4px 4px 4px rgb(134, 234,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 201.7060, 5.5679, -59.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 234, 213) }
```

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

```
.background{ background-color: rgb(134,  
234, 213) }
```

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