

Converting Colors

YUV(213.3960, 5.7208,
-61.7373)

Have a look what the booklet for
YUV(213.3960, 5.7208, -61.7373)
contains.

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Color

**YUV(213.3960, 5.7208,
-61.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF7E1
RGB	143, 247, 225
RGB Percent	56%, 97%, 88%
CMY	0.4392, 0.0314, 0.1176
CMYK	0.42, 0.00, 0.09, 0.03
HSL	167°, 87%, 76%
HSV	167°, 42%, 97%
XYZ	58.1791, 77.7974, 83.1842
YIQ	213.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

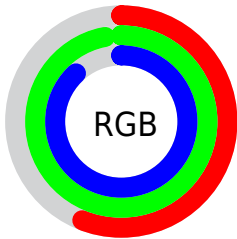
Format	Color
RYB	143, 201, 247
Decimal	9435105
CIELab	90.69, -35.33, 1.11
CIElCh	91, 35.343, 178.201
Yxy	77.7974, 0.2655, 0.3550
Android (android.graphics.Color)	4287625185 (0xFF8FF7E1)
YUV	213.3960, 5.7208, -61.7373
Hunter-Lab	88.2028, -36.6154, 5.8255

Details

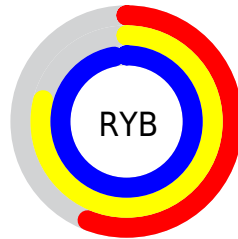
The YUV color **213.3960, 5.7208, -61.7373** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **176.6040, -5.7208, 61.7373**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, 7.9600, -33.1980**, and **156.3250, 6.7418, -62.5520** is the 20% darker color. If you saturate the color by 10%, you get **205.3510, 7.2220, -76.6068**, and if you desaturate by 10%, it is **221.4410, 4.2196, -46.8678**.

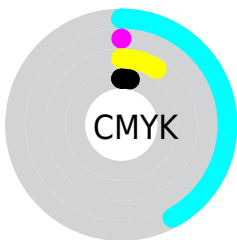
Distribution



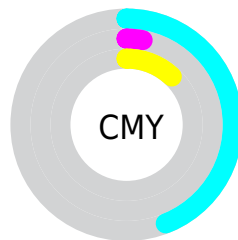
- Red (56%)
- Green (97%)
- Blue (88%)



- Red (56%)
- Yellow (79%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3960, 5.7208, -61.7373 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 213.3960, 5.7208, -61.7373 by changing the saturation by 10% instead.

■ 213.3960, 5.7208,
-61.7373

■ 213.3960, 5.7208,
-61.7373

■ 255.0000, 0.0000,
0.0000

■ 184.5100, 6.1576,
-61.8373

■ 238.8540, 7.9600,
-33.1980

■ 156.3250, 6.7418,
-62.5520

■ 247.8240, 3.5378,
-14.7546

■ 128.1290, 7.3314,
-65.0111

■ 95.9750, 10.8583,
-76.2771

■ 75.1720, 8.7892,
-65.9258

■ 57.8750, 5.9776,
-50.7564

■ 41.1650, 2.8767,

-36.1017

■ 26.5580, 0.2179,
-23.2914

■ 2.9350, -1.4470,
-2.5740

■ 213.3960, 5.7208,
-61.7373

■ 213.3960, 5.7208,
-61.7373

■ 205.3510, 7.2220,
-76.6068

■ 221.4410, 4.2196,
-46.8678

■ 197.6050, 8.5757,
-90.8616

■ 229.1870, 2.8658,
-32.6130

■ 189.4460, 9.6401,
-105.6311

■ 237.3460, 1.8014,
-17.8434

■ 181.4010, 11.1413,
-120.5007

■ 245.3910, 0.3002,
-2.9739

■ 173.6550, 12.4951,
-134.7554

■ 249.8480, 0.5679,
4.5183

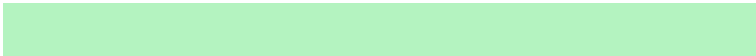
■ 167.2190, 13.6960,
-146.6511

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



218.3490, -12.9901, -33.6321



213.3960, 5.7208, -61.7373



210.2490, 22.0622, -76.5174

Triad

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



213.3960, 5.7208, -61.7373



227.2790, 13.6665, 3.2633



221.4710, -24.3892, 29.4049

Complementary

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



213.3960, 5.7208, -61.7373



176.6040, -5.7208, 61.7373

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.



219.1520, -10.4279, 31.4387



213.3960, 5.7208, -61.7373



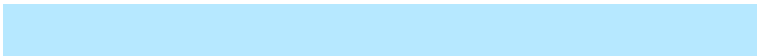
227.9980, 13.3120, 23.6808

Square

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



213.3960, 5.7208, -61.7373



219.6720, 17.4167, -33.0383



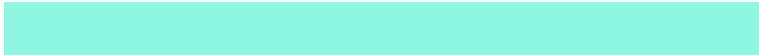
222.4410, 4.7126, 28.5542



226.3750, -32.2299, 24.2271

Rectangle

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



213.3960, 5.7208, -61.7373



210.2820, 22.0460, -71.2843



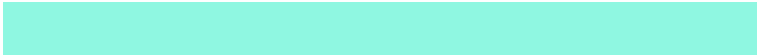
222.4410, 4.7126, 28.5542



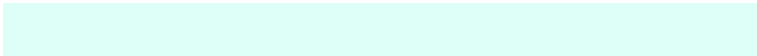
220.5080, -20.4634, 30.2495

Sweetspot

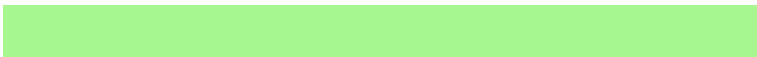
The Sweet Spot groups the original color and five complimentary colors.



213.3960, 5.7208, -61.7373



244.3350, 1.8068, -19.5878



210.9250, -33.4870, -39.3992



121.1510, 0.9116, -12.4104



0.0000, 0.0000, 0.0000



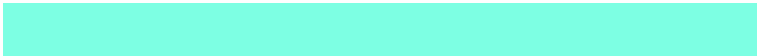
128.0000, 0.0000, 0.0000

Same Dimension

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



213.3960, 5.7208, -61.7373



212.9380, 6.9326, -77.1216



198.8810, 23.7227, -49.0076



118.1840, 0.8953, -7.1774



125.9400, 10.3826, -110.4494



39.8770, 3.0186, -34.9721

Inverse Universe

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



176.6040, -5.7208, 61.7373



166.9480, -7.3694, 77.2216



191.1190, -23.7227, 49.0076



113.9300, -0.4585, 7.0774



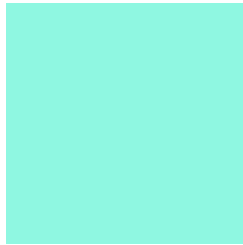
60.0600, -10.3826, 110.4494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 213.3960, 5.7208, -61.7373 looks on a white background.

Color Contrast Check

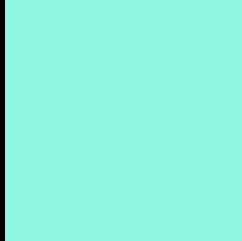
Large Text (above 18pt) WCAG AA × Fail

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 213.3960, 5.7208, -61.7373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

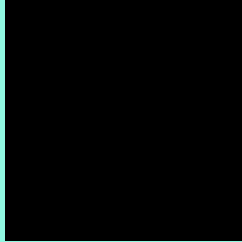
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.3960, 5.7208, -61.7373

Background



This preview shows how black text looks on a background with the YUV color 213.3960, 5.7208, -61.7373.



This preview shows how white text looks on a background with the YUV color 213.3960, 5.7208, -61.7373.

-61.7373.

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

213.3960, 5.7208, -61.7373

Protanopia

226.9100, -6.8576, 6.2179

Deuteranopia

229.3270, 0.8248, 15.4992



Tritanopia

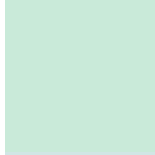
220.1930, 17.1599, -44.0193

Trichromacy



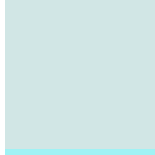
Original Color

213.3960, 5.7208, -61.7373



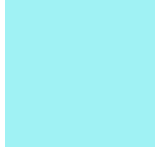
Protanomaly

222.1950, -2.5611, -18.5880



Deuteranomaly

223.6070, 2.6587, -12.8103



Tritanomaly

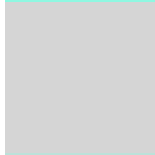
217.7100, 12.9610, -50.6117

Monochromacy



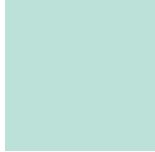
Original Color

213.3960, 5.7208, -61.7373



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3960, 5.7208, -61.7373 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(143, 247, 225)` looks like.

```
.text, #text, p{  
    color:rgb(143, 247, 225)  
}
```

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(143, 247, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 247, 225) }
```

Border

The CSS property to change the border of an element to YUV 213.3960, 5.7208, -61.7373 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(143, 247, 225) }
```


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

```
.border{ border-color:rgb(143, 247, 225) }
```

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

Here you see how a box with a 4 pixel rgb(143, 247, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 247, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 247, 225);  
box-shadow:4px 4px 4px 4px rgb(143, 247,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 213.3960, 5.7208, -61.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 247, 225) }
```

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

```
.background{ background-color: rgb(143,  
247, 225) }
```

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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