

Converting Colors

YUV(204.9350, 21.7240,
-61.3330)

Have a look what the booklet for
YUV(204.9350, 21.7240, -61.3330)
contains.

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Color

**YUV(204.9350, 21.7240,
-61.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	87E8F9
RGB	135, 232, 249
RGB Percent	53%, 91%, 98%
CMY	0.4706, 0.0902, 0.0235
CMYK	0.46, 0.07, 0.00, 0.02
HSL	189°, 90%, 75%
HSV	189°, 46%, 98%
XYZ	55.9472, 69.7037, 100.1280
YIQ	204.9350, -63.2690, -15.2770

Conversions

Conversions Part 2

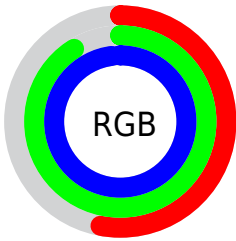
Format	Color
R _Y B	135, 187, 249
Decimal	8907001
CIE Lab	86.85, -24.29, -17.16
CIE LCh	87, 29.740, 215.238
Yxy	69.7037, 0.2478, 0.3087
Android (android.graphics.Color)	4287097081 (0xFF87E8F9)
YUV	204.9350, 21.7240, -61.3330
Hunter-Lab	83.4887, -26.4895, -12.6643

Details

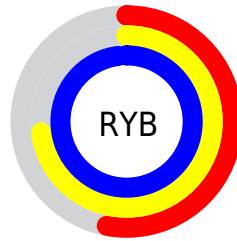
The YUV color **204.9350, 21.7240, -61.3330** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **179.0650, -21.7240, 61.3330**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **147.7390, 22.3137, -63.7921** is the 20% darker color. If you saturate the color by 10%, you get **195.1120, 26.5668, -74.6432**, and if you desaturate by 10%, it is **214.7580, 16.8813, -48.0228**.

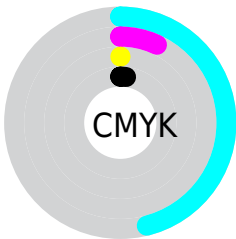
Distribution



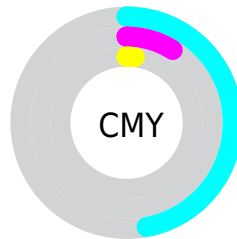
- Red (53%)
- Green (91%)
- Blue (98%)



- Red (53%)
- Yellow (73%)
- Blue (98%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9350, 21.7240, -61.3330 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 204.9350, 21.7240, -61.3330 by changing the saturation by 10% instead.

204.9350, 21.7240,
-61.3330

204.9350, 21.7240,
-61.3330

255.0000, 0.0000,
0.0000

176.5220, 21.4347,
-61.8478

236.7610, 8.9918,
-37.5014

147.7390, 22.3137,
-63.7921

245.4320, 4.7170,
-19.6729

118.2330, 23.0561,
-68.6103

254.4020, 0.2948,
-1.2296

88.0470, 25.1198,
-77.2172

70.5220, 21.4347,
-61.8478

53.5840, 17.4601,
-46.9932

37.4610, 14.0697,

-32.8533

■ 23.0990, 9.8112,
-20.2578

■ 3.2090, 9.7570,
-2.8143

■ 204.9350, 21.7240,
-61.3330

■ 204.9350, 21.7240,
-61.3330

■ 195.1120, 26.5668,
-74.6432

■ 214.7580, 16.8813,
-48.0228

■ 185.8760, 31.1201,
-88.4683

■ 223.9940, 12.3280,
-34.1977

■ 176.0530, 35.9629,
-101.7785

■ 233.8170, 7.4852,
-20.8875

■ 166.2300, 40.8056,
-115.0887

■ 243.6400, 2.6425,
-7.5773

■ 156.4070, 45.6483,
-128.3989

■ 251.9680, -1.4632,
2.6591

■ 152.8300, 47.4118,
-134.0319

■ 253.7290, -2.3314,
1.1147

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

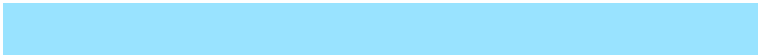
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205.1350, 8.3144, -53.6154



204.9350, 21.7240, -61.3330



208.0660, 23.1385, -48.2929

Triad

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



204.9350, 21.7240, -61.3330



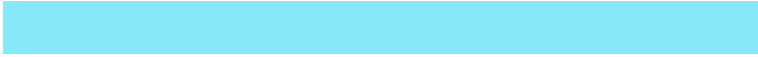
221.2330, 10.2381, 29.6137



215.4000, -26.8192, 15.4352

Complementary

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



204.9350, 21.7240, -61.3330



179.0650, -21.7240, 61.3330

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.



217.3790, -24.8368, 32.9936



204.9350, 21.7240, -61.3330



216.1660, -1.5608, 34.0574

Square

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



204.9350, 21.7240, -61.3330



219.9250, 17.2920, 7.0818



214.8490, -14.2226, 35.2124



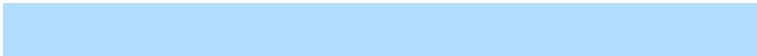
212.5540, -20.4861, -9.2559

Rectangle

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



204.9350, 21.7240, -61.3330



211.7200, 21.3370, -30.4494



214.8490, -14.2226, 35.2124



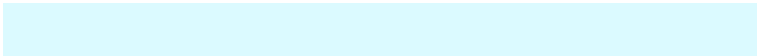
216.6290, -27.4251, 23.1274

Sweetspot

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



204.9350, 21.7240, -61.3330



241.3010, 6.7536, -19.5580



203.6280, -26.4386, -60.1868



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

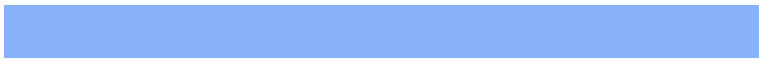
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.9350, 21.7240, -61.3330



200.8130, 26.7142, -75.2580



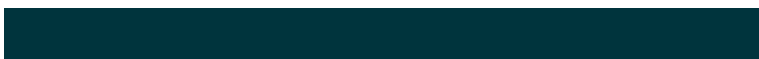
172.6500, 37.6405, -33.0191



119.9390, 2.4951, -6.9625



116.0530, 35.9629, -101.7785



37.4780, 11.5963, -32.8682

Inverse Universe

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



180.1440, 25.5650, 60.3867



170.4260, 31.3420, 74.1714



211.3500, -37.6405, 33.0191



117.1410, 2.8885, 6.8923



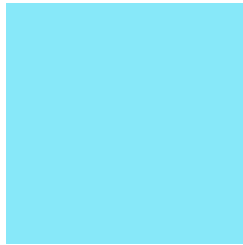
74.8650, 42.4646, 100.0964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 204.9350, 21.7240, -61.3330 looks on a white background.

Color Contrast Check

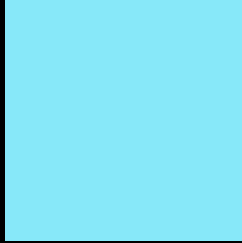
Large Text (above 18pt) WCAG AA × Fail

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 204.9350, 21.7240, -61.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

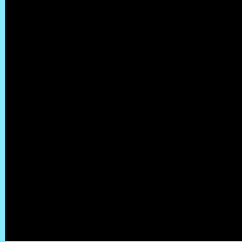
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.9350, 21.7240, -61.3330

Background



This preview shows how black text looks on a background with the YUV color 204.9350, 21.7240, -61.3330.

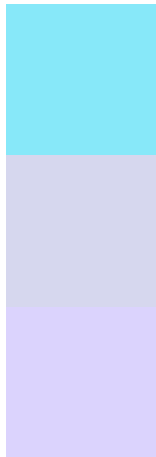


This preview shows how white text looks on a background with the YUV color 204.9350, 21.7240, -61.3330.

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

204.9350, 21.7240, -61.3330

Protanopia

217.3230, 10.1938, -2.9143

Deuteranopia

218.1800, 17.1663, 0.7191



Tritanopia

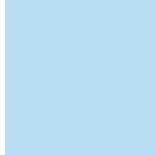
205.0490, 22.1608, -61.4330

Trichromacy



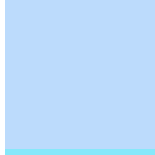
Original Color

204.9350, 21.7240, -61.3330



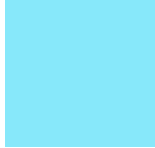
Protanomaly

212.6300, 14.4794, -24.2315



Deuteranomaly

213.4930, 18.9840, -22.3574



Tritanomaly

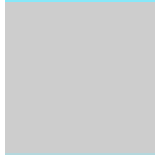
205.0490, 22.1608, -61.4330

Monochromacy



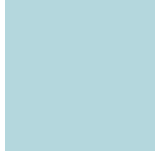
Original Color

204.9350, 21.7240, -61.3330



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9350, 21.7240, -61.3330 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(135, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(135, 232, 249)  
}
```

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(135, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 232, 249) }
```

Border

The CSS property to change the border of an element to YUV 204.9350, 21.7240, -61.3330 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(135, 232, 249) }
```


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

```
.border{ border-color:rgb(135, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(135, 232,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 204.9350, 21.7240, -61.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 232, 249) }
```

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

```
.background{ background-color: rgb(135,  
232, 249) }
```

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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