

Converting Colors

YUV(213.6100, 17.9403,
-61.0480)

Have a look what the booklet for
YUV(213.6100, 17.9403, -61.0480)
contains.

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Color

**YUV(213.6100, 17.9403,
-61.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	90F2FA
RGB	144, 242, 250
RGB Percent	56%, 95%, 98%
CMY	0.4353, 0.0510, 0.0196
CMYK	0.42, 0.03, 0.00, 0.02
HSL	185°, 91%, 77%
HSV	185°, 42%, 98%
XYZ	60.5090, 76.3357, 101.9876
YIQ	213.6100, -60.9760, -18.2880

Conversions

Conversions Part 2

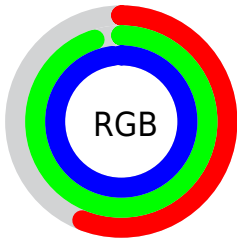
Format	Color
RYB	144, 195, 250
Decimal	9499386
CIELab	90.01, -26.83, -12.90
CIELCh	90, 29.774, 205.678
Yxy	76.3357, 0.2534, 0.3196
Android (android.graphics.Color)	4287689466 (0xFF90F2FA)
YUV	213.6100, 17.9403, -61.0480
Hunter-Lab	87.3703, -29.2763, -8.0502

Details

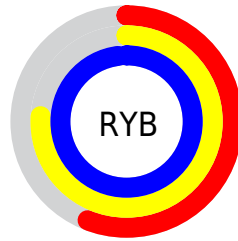
The YUV color **213.6100, 17.9403, -61.0480** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **180.3900, -17.9403, 61.0480**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1530, 7.8126, -32.5832**, and **156.7130, 18.3825, -62.8923** is the 20% darker color. If you saturate the color by 10%, you get **204.9610, 22.2042, -75.3878**, and if you desaturate by 10%, it is **222.2590, 13.6763, -46.7081**.

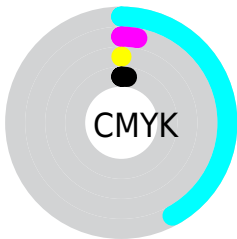
Distribution



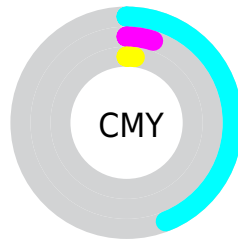
- Red (56%)
- Green (95%)
- Blue (98%)



- Red (56%)
- Yellow (76%)
- Blue (98%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6100, 17.9403, -61.0480 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 213.6100, 17.9403, -61.0480 by changing the saturation by 10% instead.

213.6100, 17.9403,
-61.0480

213.6100, 17.9403,
-61.0480

255.0000, 0.0000,
0.0000

184.6100, 17.9403,
-61.0480

239.1530, 7.8126,
-32.5832

156.7130, 18.3825,
-62.8923

248.1230, 3.3904,
-14.1399

127.5170, 18.9721,
-65.3514

93.7430, 22.8047,
-81.3356

75.9190, 19.2669,
-66.5810

58.3940, 15.5818,
-51.2115

41.6840, 12.4808,

-36.5569

■ 26.7350, 8.5116,
-23.4466

■ 3.4370, 10.6306,
-3.0142

■ 213.6100, 17.9403,
-61.0480

■ 213.6100, 17.9403,
-61.0480

■ 204.9610, 22.2042,
-75.3878

■ 222.2590, 13.6763,
-46.7081

■ 196.3120, 26.4682,
-89.7276

■ 230.9080, 9.4124,
-32.3683

■ 187.6630, 30.7321,
-104.0675

■ 239.5570, 5.1484,
-18.0285

■ 179.0140, 34.9961,
-118.4073

■ 248.2060, 0.8844,
-3.6887

■ 170.9520, 38.9707,
-133.2619

■ 252.0820, -1.0264,
2.5591

■ 164.0970, 42.3502,
-143.9131

■ 253.2560, -1.6052,
1.5295

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

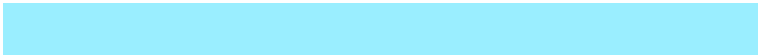
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.0880, 2.9146, -48.3122



213.6100, 17.9403, -61.0480



214.8220, 19.8078, -53.3409

Triad

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



213.6100, 17.9403, -61.0480



229.1720, 12.7332, 22.6512



225.6290, -27.4251, 23.1274

Complementary

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



213.6100, 17.9403, -61.0480



180.3900, -17.9403, 61.0480

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.



222.3830, -20.8948, 28.6051



213.6100, 17.9403, -61.0480



223.6150, 4.1338, 27.5246

Square

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



213.6100, 17.9403, -61.0480



226.3710, 14.1141, -0.3254



220.8960, -8.8227, 29.9092



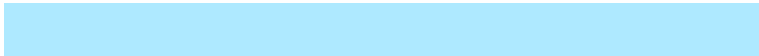
222.5120, -23.4234, -0.4490

Rectangle

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



213.6100, 17.9403, -61.0480



217.8670, 18.3066, -38.4714



220.8960, -8.8227, 29.9092



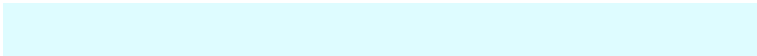
224.9930, -26.1255, 26.3161

Sweetspot

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



213.6100, 17.9403, -61.0480



243.3720, 5.7326, -18.7432



207.0200, -27.6179, -55.2685



120.5470, 3.6743, -11.8807



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.



213.6100, 17.9403, -61.0480



210.2600, 22.0568, -74.7730



183.0860, 32.9886, -34.2784



120.5260, 2.2057, -7.4773



123.6840, 32.2008, -108.4709



40.4130, 10.1494, -35.4422

Inverse Universe

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



186.8660, 27.1811, 55.3685



177.5500, 33.2528, 67.9236



210.9140, -32.9886, 34.2784



117.2550, 3.3253, 6.7924



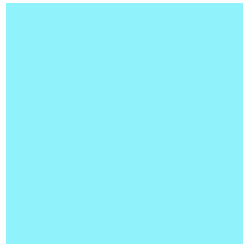
76.3470, 48.1429, 98.7967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 213.6100, 17.9403, -61.0480 looks on a white background.

Color Contrast Check

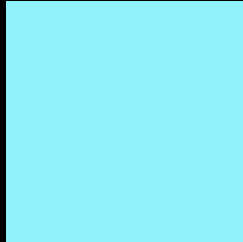
Large Text (above 18pt) WCAG AA × Fail

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 213.6100, 17.9403, -61.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

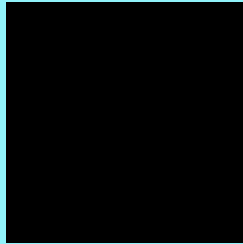
Any Text WCAG AA ✓ Pass

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 213.6100, 17.9403, -61.0480 Background



This preview shows how black text looks on a background with the YUV color 213.6100, 17.9403, -61.0480.



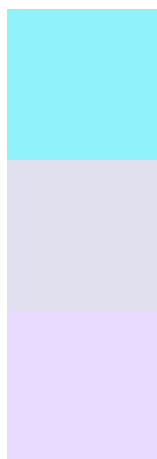
This preview shows how white text looks on a background with the YUV color 213.6100, 17.9403, -61.0480.

-61.0480.

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

213.6100, 17.9403, -61.0480

Protanopia

226.0090, 6.4046, -0.8849

Deuteranopia

227.2900, 13.6610, 5.0077



Tritanopia

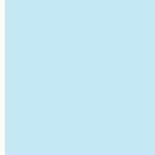
217.2140, 18.6285, -48.4227

Trichromacy



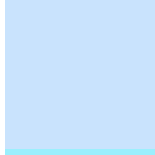
Original Color

213.6100, 17.9403, -61.0480



Protanomaly

221.9030, 10.4008, -22.7169



Deuteranomaly

222.1900, 15.1893, -18.5836



Tritanomaly

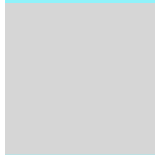
215.4800, 18.4974, -53.0410

Monochromacy



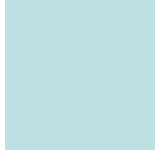
Original Color

213.6100, 17.9403, -61.0480



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.8770, 6.4696, -21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6100, 17.9403, -61.0480 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(144, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(144, 242, 250)  
}
```

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(144, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 242, 250) }
```

Border

The CSS property to change the border of an element to YUV 213.6100, 17.9403, -61.0480 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(144, 242, 250) }
```


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

```
.border{ border-color:rgb(144, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(144, 242,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 213.6100, 17.9403, -61.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 242, 250) }
```

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

```
.background{ background-color: rgb(144,  
242, 250) }
```

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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