

Converting Colors

YUV(212.4260, 17.0450,
-53.8706)

Have a look what the booklet for
YUV(212.4260, 17.0450, -53.8706)
contains.

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Color

**YUV(212.4260, 17.0450,
-53.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	97EDF7
RGB	151, 237, 247
RGB Percent	59%, 93%, 97%
CMY	0.4078, 0.0706, 0.0314
CMYK	0.39, 0.04, 0.00, 0.03
HSL	186°, 86%, 78%
HSV	186°, 39%, 97%
XYZ	59.8352, 73.8631, 99.0990
YIQ	212.4260, -54.4660, -15.1220

Conversions

Conversions Part 2

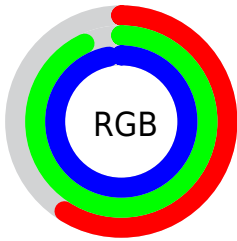
Format	Color
RYB	151, 196, 247
Decimal	9956855
CIELab	88.86, -23.45, -13.03
CIELCh	89, 26.826, 209.063
Yxy	73.8631, 0.2570, 0.3173
Android (android.graphics.Color)	4288146935 (0xFF97EDF7)
YUV	212.4260, 17.0450, -53.8706
Hunter-Lab	85.9436, -26.1271, -8.2050

Details

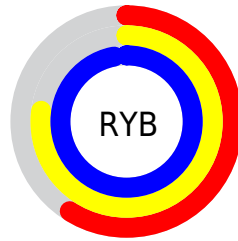
The YUV color **212.4260, 17.0450, -53.8706** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **185.5740, -17.0450, 53.8706**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **156.1270, 17.1924, -54.4854** is the 20% darker color. If you saturate the color by 10%, you get **203.1900, 21.5983, -67.6956**, and if you desaturate by 10%, it is **221.6620, 12.4916, -40.0456**.

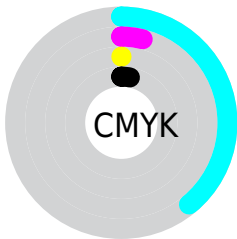
Distribution



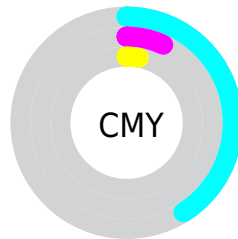
- Red (59%)
- Green (93%)
- Blue (97%)



- Red (59%)
- Yellow (77%)
- Blue (97%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (41%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4260, 17.0450, -53.8706 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 212.4260, 17.0450, -53.8706 by changing the saturation by 10% instead.

212.4260, 17.0450,
-53.8706

212.4260, 17.0450,
-53.8706

255.0000, 0.0000,
0.0000

184.4260, 17.0450,
-53.8706

241.2460, 6.7807,
-28.2797

156.1270, 17.1924,
-54.4854

249.9170, 2.5059,
-10.4512

128.5290, 17.4872,
-55.7149

99.7240, 18.3771,
-61.1479

72.6420, 19.4035,
-63.7070

55.8180, 15.8657,
-48.9524

39.5810, 12.0386,

-34.7125

■ 24.7460, 8.5062,
-21.7022

■ 3.0950, 9.3202,
-2.7143

■ 212.4260, 17.0450,
-53.8706

■ 212.4260, 17.0450,
-53.8706

■ 203.1900, 21.5983,
-67.6956

■ 221.6620, 12.4916,
-40.0456

■ 194.8400, 25.7149,
-81.4207

■ 230.0120, 8.3751,
-26.3205

■ 185.6040, 30.2682,
-95.2457

■ 239.2480, 3.8217,
-12.4955

■ 176.9550, 34.5322,
-109.5855

■ 247.8970, -0.4422,
1.8443

■ 167.7190, 39.0855,
-123.4106

■ 251.1530, -2.0474,
3.3738

■ 159.3690, 43.2021,
-137.1356

■ 252.3270, -2.6262,
2.3442

■ 157.8850, 43.9337,
-138.4651

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

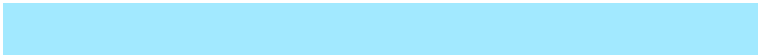
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.3380, 3.7774, -45.0234



212.4260, 17.0450, -53.8706



214.2790, 20.0755, -45.8487

Triad

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



212.4260, 17.0450, -53.8706



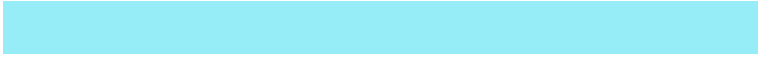
227.4280, 11.1280, 24.1806



221.9920, -24.6461, 18.4240

Complementary

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



212.4260, 17.0450, -53.8706



185.5740, -17.0450, 53.8706

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.



221.7960, -20.6054, 29.1199



212.4260, 17.0450, -53.8706



222.2300, 1.3656, 28.7393

Square

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



212.4260, 17.0450, -53.8706



224.0230, 15.2717, 1.7338



219.8530, -10.2805, 30.8239



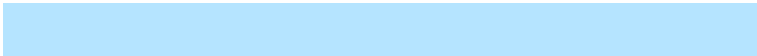
219.2990, -20.3604, -2.8932

Rectangle

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



212.4260, 17.0450, -53.8706



217.0250, 18.7217, -31.5939



219.8530, -10.2805, 30.8239



222.7370, -24.5203, 24.7867

Sweetspot

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



212.4260, 17.0450, -53.8706



243.9700, 5.4378, -17.5137



208.4920, -23.4136, -50.4205



121.4440, 3.2321, -10.0364



0.0000, 0.0000, 0.0000



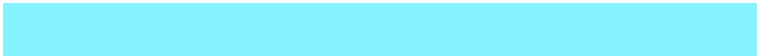
128.0000, 0.0000, 0.0000

Same Dimension

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



212.4260, 17.0450, -53.8706



212.0760, 21.1615, -67.5957



184.2500, 30.9357, -29.1603



117.8250, 2.0583, -6.8625



119.2330, 32.9161, -104.5673



37.8370, 10.4334, -33.1830

Inverse Universe

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



189.5080, 23.4136, 50.4205



183.1920, 29.4853, 62.9756



213.7500, -30.9357, 29.1603



114.8420, 3.0359, 6.2776



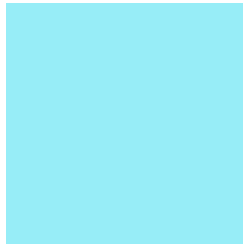
74.6520, 45.5276, 97.6522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 212.4260, 17.0450, -53.8706 looks on a white background.

Color Contrast Check

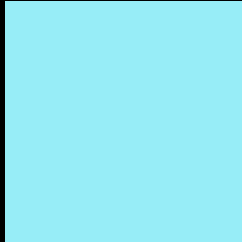
Large Text (above 18pt) WCAG AA × Fail

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 212.4260, 17.0450, -53.8706 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 212.4260, 17.0450, -53.8706

Background



This preview shows how black text looks on a background with the YUV color 212.4260, 17.0450, -53.8706.



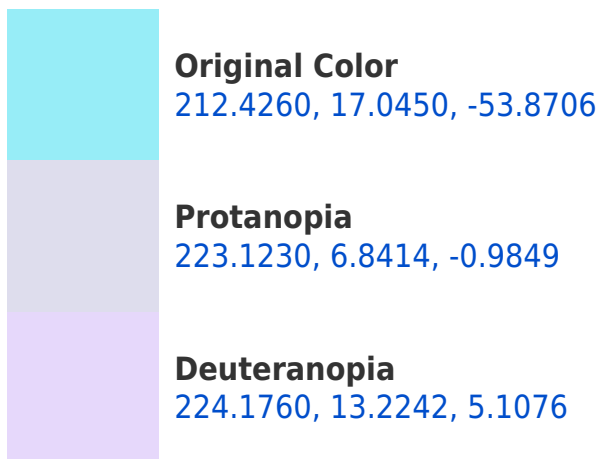
This preview shows how white text looks on a background with the YUV color 212.4260, 17.0450, -53.8706.

-53.8706.

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





Tritanopia

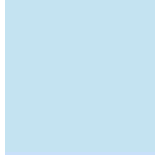
213.3490, 20.5339, -52.9261

Trichromacy



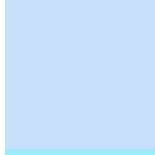
Original Color

212.4260, 17.0450, -53.8706



Protanomaly

219.3270, 10.6848, -20.4578



Deuteranomaly

220.0870, 14.7471, -16.7393



Tritanomaly

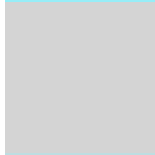
212.7080, 19.3710, -53.2409

Monochromacy



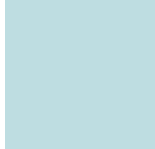
Original Color

212.4260, 17.0450, -53.8706



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1870, 6.3168, -19.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4260, 17.0450, -53.8706 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(151, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(151, 237, 247)  
}
```

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(151, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 237, 247) }
```

Border

The CSS property to change the border of an element to YUV 212.4260, 17.0450, -53.8706 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(151, 237, 247) }
```


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

```
.border{ border-color:rgb(151, 237, 247) }
```

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

Here you see how a box with a 4 pixel rgb(151, 237, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(151, 237,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 212.4260, 17.0450, -53.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 237, 247) }
```

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

```
.background{ background-color: rgb(151,  
237, 247) }
```

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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