

Converting Colors

YUV(217.1010, 13.2612,
-53.5856)

Have a look what the booklet for
YUV(217.1010, 13.2612, -53.5856)
contains.

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Color

**YUV(217.1010, 13.2612,
-53.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF3F4
RGB	156, 243, 244
RGB Percent	61%, 95%, 96%
CMY	0.3882, 0.0471, 0.0431
CMYK	0.36, 0.00, 0.00, 0.04
HSL	181°, 80%, 78%
HSV	181°, 36%, 96%
XYZ	62.0900, 77.7008, 97.3132
YIQ	217.1010, -52.1730, -18.1330

Conversions

Conversions Part 2

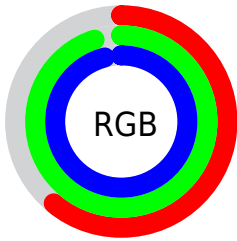
Format	Color
R _Y B	156, 200, 244
Decimal	10286068
CIE Lab	90.64, -25.83, -8.78
CIE LCh	91, 27.279, 198.779
Yxy	77.7008, 0.2619, 0.3277
Android (android.graphics.Color)	4288476148 (0xFF9CF3F4)
YUV	217.1010, 13.2612, -53.5856
Hunter-Lab	88.1480, -28.5266, -3.7510

Details

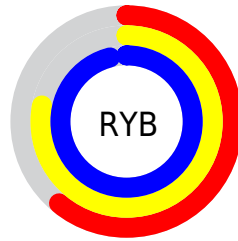
The YUV color **217.1010, 13.2612, -53.5856** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.8990, -13.2612, 53.5856**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **161.1010, 13.2612, -53.5856** is the 20% darker color. If you saturate the color by 10%, you get **209.9250, 16.7990, -68.3402**, and if you desaturate by 10%, it is **224.2770, 9.7234, -38.8309**.

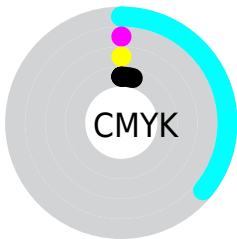
Distribution



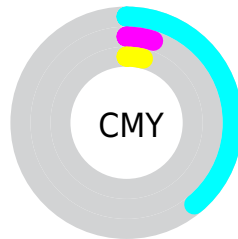
- Red (61%)
- Green (95%)
- Blue (96%)



- Red (61%)
- Yellow (78%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1010, 13.2612, -53.5856 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 217.1010, 13.2612, -53.5856 by changing the saturation by 10% instead.

217.1010, 13.2612,
-53.5856

217.1010, 13.2612,
-53.5856

255.0000, 0.0000,
0.0000

188.5140, 13.5506,
-53.0708

242.7410, 6.0437,
-25.2059

161.1010, 13.2612,
-53.5856

251.4120, 1.7689,
-7.3773

132.9160, 13.8454,
-54.3003

105.1220, 14.7299,
-57.9890

75.8220, 16.3568,
-66.4959

58.4110, 13.1084,
-51.2264

41.7010, 10.0074,

-36.5718

■ 26.2790, 6.7645,
-23.0467

■ 5.2150, 7.2890,
-4.5736

■ 217.1010, 13.2612,
-53.5856

■ 217.1010, 13.2612,
-53.5856

■ 209.9250, 16.7990,
-68.3402

■ 224.2770, 9.7234,
-38.8309

■ 201.8630, 20.7735,
-83.1949

■ 232.3390, 5.7489,
-23.9763

■ 194.6870, 24.3113,
-97.9495

■ 239.5150, 2.2111,
-9.2217

■ 187.2120, 27.9965,
-113.3189

■ 246.9900, -1.4741,
6.1478

■ 180.0360, 31.5343,
-128.0736

■ 247.2890, -1.6215,
6.7625

■ 172.2730, 35.3614,
-142.3134

■ 247.8760, -1.9109,
6.2477

■ 169.2830, 36.8355,
-148.4612

Harmonies

Analogous

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



218.5190, -0.7489, -39.9202



217.1010, 13.2612, -53.5856



217.7900, 18.3445, -50.6818

Triad

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



217.1010, 13.2612, -53.5856



231.2100, 11.7285, 18.2328



227.3240, -24.8097, 24.2719

Complementary

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



217.1010, 13.2612, -53.5856



182.8990, -13.2612, 53.5856

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.



224.1100, -16.8162, 27.0905



217.1010, 13.2612, -53.5856



226.7610, 6.0338, 24.7656

Square

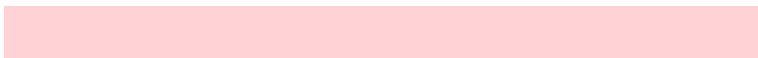
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.1010, 13.2612, -53.5856



226.9250, 13.8410, -6.0732



223.7970, -5.3229, 27.3650



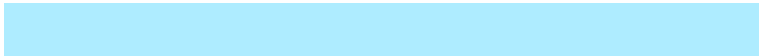
225.6590, -23.0029, 4.6841

Rectangle

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



217.1010, 13.2612, -53.5856



219.6280, 17.4384, -40.0158



223.7970, -5.3229, 27.3650



225.9050, -22.6312, 25.5163

Sweetspot

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



217.1010, 13.2612, -53.5856



246.6280, 4.1274, -17.2138



207.6560, -25.4664, -45.3023



122.3300, 2.7953, -9.9364



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.



217.1010, 13.2612, -53.5856



221.5230, 16.5042, -67.1107



191.8600, 25.7050, -31.4492



118.4120, 1.7689, -7.3773



129.2120, 27.9965, -113.3189



40.7720, 8.9864, -35.7570

Inverse Universe

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



192.2300, 25.0296, 45.4023



190.3160, 31.3962, 56.7279



208.1400, -25.7050, 31.4492



114.9560, 3.4727, 6.1776



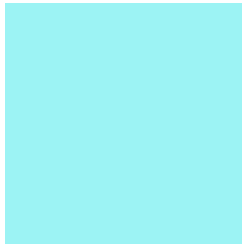
76.5900, 52.9531, 95.9526



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 217.1010, 13.2612, -53.5856 looks on a white background.

Color Contrast Check

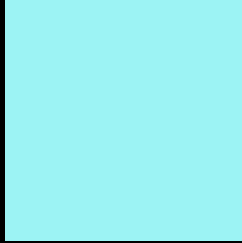
Large Text (above 18pt) WCAG AA × Fail

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 217.1010, 13.2612, -53.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

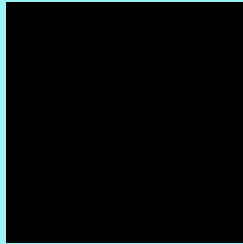
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1010, 13.2612, -53.5856

Background



This preview shows how black text looks on a background with the YUV color 217.1010, 13.2612, -53.5856.



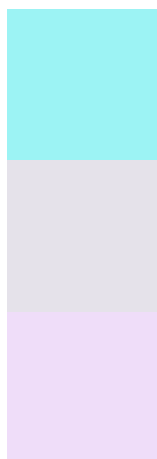
This preview shows how white text looks on a background with the YUV color 217.1010, 13.2612, -53.5856.

-53.5856.

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

217.1010, 13.2612, -53.5856

Protanopia

227.8090, 3.0522, 1.0445

Deuteranopia

229.5740, 9.5770, 8.2666



Tritanopia

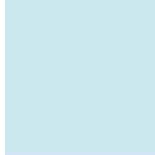
220.5030, 17.0070, -41.6601

Trichromacy



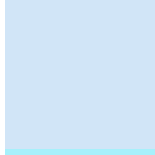
Original Color

217.1010, 13.2612, -53.5856



Protanomaly

223.7140, 7.0430, -19.0432



Deuteranomaly

225.0720, 10.8105, -14.0951



Tritanomaly

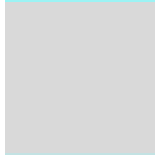
219.4270, 15.5655, -45.9785

Monochromacy



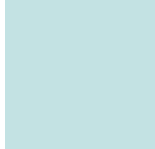
Original Color

217.1010, 13.2612, -53.5856



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.8450, 5.0064, -19.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1010, 13.2612, -53.5856 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(156, 243, 244)` looks like.

```
.text, #text, p{  
    color:rgb(156, 243, 244)  
}
```

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(156, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 243, 244) }
```

Border

The CSS property to change the border of an element to YUV 217.1010, 13.2612, -53.5856 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(156, 243, 244) }
```


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

```
.border{ border-color:rgb(156, 243, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 243, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 243, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 243, 244); box-shadow:4px 4px 4px 4px rgb(156, 243, 244) }
```

Background

The CSS property to change the background color of an element to YUV 217.1010, 13.2612, -53.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 243, 244) }
```

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

```
.background{ background-color: rgb(156,  
243, 244) }
```

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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