

Converting Colors

YUV(205.1590, 1.8936,
-47.4974)

Have a look what the booklet for
YUV(205.1590, 1.8936, -47.4974)
contains.

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Color

**YUV(205.1590, 1.8936,
-47.4974)**

Conversions

Conversions Part 1

Format	Color
Hex	97E8D1
RGB	151, 232, 209
RGB Percent	59%, 91%, 82%
CMY	0.4078, 0.0902, 0.1804
CMYK	0.35, 0.00, 0.10, 0.09
HSL	163°, 64%, 75%
HSV	163°, 35%, 91%
XYZ	53.1277, 68.8960, 70.8197
YIQ	205.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

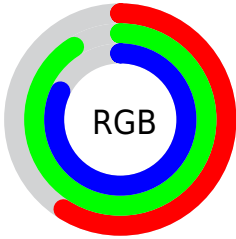
Format	Color
RYB	151, 198, 232
Decimal	9955537
CIELab	86.45, -29.73, 3.36
CIELCh	86, 29.921, 173.558
Yxy	68.8960, 0.2755, 0.3573
Android (android.graphics.Color)	4288145617 (0xFF97E8D1)
YUV	205.1590, 1.8936, -47.4974
Hunter-Lab	83.0036, -31.0046, 7.5155

Details

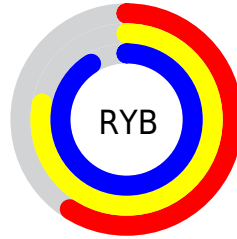
The YUV color **205.1590, 1.8936, -47.4974** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **177.8410, -1.8936, 47.4974**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **149.6860, 2.6198, -47.0826** is the 20% darker color. If you saturate the color by 10%, you get **197.4840, 2.2264, -60.9375**, and if you desaturate by 10%, it is **212.8340, 1.5608, -34.0574**.

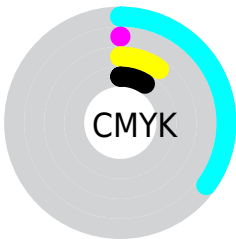
Distribution



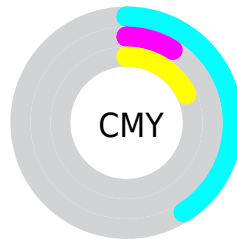
- Red (59%)
- Green (91%)
- Blue (82%)



- Red (59%)
- Yellow (78%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.1590, 1.8936, -47.4974 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 205.1590, 1.8936, -47.4974 by changing the saturation by 10% instead.

■ 205.1590, 1.8936,
-47.4974

■ 205.1590, 1.8936,
-47.4974

255.0000, 0.0000,
0.0000

■ 177.1590, 1.8936,
-47.4974

■ 240.9470, 6.9281,
-28.8945

■ 149.6860, 2.6198,
-47.0826

■ 249.6180, 2.6533,
-11.0660

■ 122.8000, 3.0566,
-47.1826

■ 96.0170, 3.9356,
-49.1269

■ 66.6460, 6.5835,
-58.4485

■ 49.3490, 3.7719,
-43.2791

■ 33.3400, 0.8184,

-29.2392

■ 19.7930, -2.8559,
-17.3585

■ 0.0000, 0.0000,
0.0000

■ 205.1590, 1.8936,
-47.4974

■ 205.1590, 1.8936,
-47.4974

■ 197.4840, 2.2264,
-60.9375

■ 212.8340, 1.5608,
-34.0574

■ 189.9230, 2.9960,
-74.4775

■ 220.3950, 0.7913,
-20.5174

■ 181.9490, 3.4761,
-88.5323

■ 228.3690, 0.3111,
-6.4626

■ 174.3880, 4.2457,
-102.0723

■ 235.9300, -0.4585,
7.0774

■ 166.7130, 4.5785,
-115.5123

■ 240.0170, 0.9776,
13.1401

■ 159.0380, 4.9113,
-128.9523

■ 240.8150, 4.0352,
12.4402

■ 155.1080, 5.3698,
-136.0297

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



208.7030, -13.1646, -24.2955



205.1590, 1.8936, -47.4974



203.0830, 17.2141, -61.4628

Triad

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



205.1590, 1.8936, -47.4974



216.6140, 18.9243, -3.1695



215.0140, -21.2059, 35.0677

Complementary

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



205.1590, 1.8936, -47.4974



177.8410, -1.8936, 47.4974

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.



214.1140, -9.4232, 35.8570



205.1590, 1.8936, -47.4974



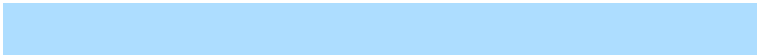
220.9270, 14.3330, 22.8660

Square

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



205.1590, 1.8936, -47.4974



210.5240, 21.9267, -32.9085



216.8330, 3.5333, 33.4725



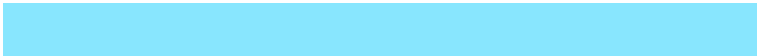
215.3410, -27.2831, 24.2569

Rectangle

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



205.1590, 1.8936, -47.4974



204.6300, 24.3394, -60.1885



216.8330, 3.5333, 33.4725



214.5240, -18.0063, 35.4975

Sweetspot

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



205.1590, 1.8936, -47.4974



246.7270, 0.6276, -14.6696



205.7230, -26.9784, -26.9441



122.6460, 0.1745, -9.3365



0.0000, 0.0000, 0.0000



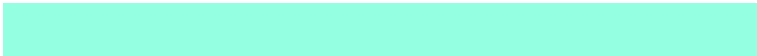
128.0000, 0.0000, 0.0000

Same Dimension

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



205.1590, 1.8936, -47.4974



219.5870, 2.6686, -62.7818



198.3890, 16.5702, -41.5602



110.9560, 0.0217, -6.9774



119.6650, 4.1092, -104.9462



34.1550, 1.4026, -29.9539

Inverse Universe

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



177.8410, -1.8936, 47.4974



183.4130, -2.6686, 62.7818



184.6110, -16.5702, 41.5602



107.0440, -0.0217, 6.9774



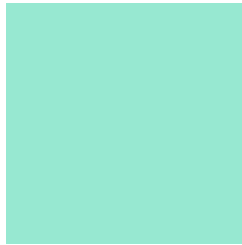
59.3350, -4.1092, 104.9462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 205.1590, 1.8936, -47.4974 looks on a white background.

Color Contrast Check

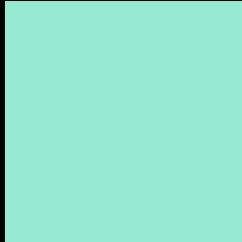
Large Text (above 18pt) WCAG AA × Fail

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 205.1590, 1.8936, -47.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

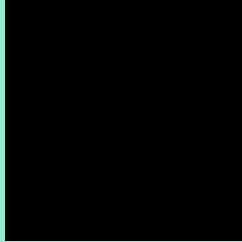
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

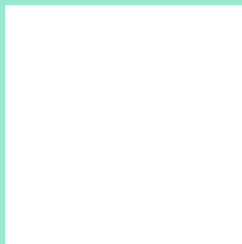
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.1590, 1.8936, -47.4974

Background



This preview shows how black text looks on a background with the YUV color 205.1590, 1.8936, -47.4974.



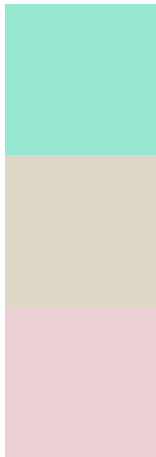
This preview shows how white text looks on a background with the YUV color 205.1590, 1.8936, -47.4974.

-47.4974.

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

205.1590, 1.8936, -47.4974

Protanopia

215.5680, -8.1680, 6.5179

Deuteranopia

217.3550, -1.6540, 17.2287



Tritanopia

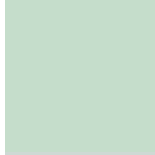
208.7200, 17.8860, -43.6044

Trichromacy



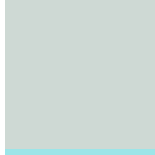
Original Color

205.1590, 1.8936, -47.4974



Protanomaly

211.7720, -4.3246, -12.9550



Deuteranomaly

213.1410, -0.5625, -6.2627



Tritanomaly

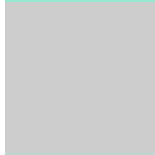
207.5150, 12.0711, -45.1787

Monochromacy



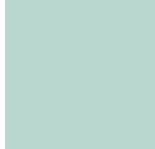
Original Color

205.1590, 1.8936, -47.4974



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.1590, 1.8936, -47.4974 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, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(151, 232, 209)  
}
```

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, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 232, 209) }
```

Border

The CSS property to change the border of an element to YUV 205.1590, 1.8936, -47.4974 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, 232, 209) }
```


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

```
.border{ border-color:rgb(151, 232, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 232, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(151, 232,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 205.1590, 1.8936, -47.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 232, 209) }
```

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

```
.background{ background-color: rgb(151,  
232, 209) }
```

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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