

Converting Colors

YUV(193.1960, -14.3936,
-50.1609)

Have a look what the booklet for
YUV(193.1960, -14.3936, -50.1609)
contains.

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Color

**YUV(193.1960, -14.3936,
-50.1609)**

Conversions

Conversions Part 1

Format	Color
Hex	88E4A4
RGB	136, 228, 164
RGB Percent	53%, 89%, 64%
CMY	0.4667, 0.1059, 0.3569
CMYK	0.40, 0.00, 0.28, 0.11
HSL	138°, 63%, 71%
HSV	138°, 40%, 89%
XYZ	44.5976, 63.4014, 45.0091
YIQ	193.1960, -34.2880, -39.4080

Conversions

Conversions Part 2

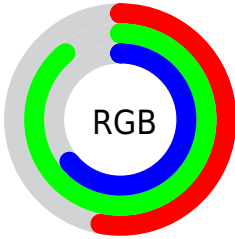
Format	Color
RYB	136, 207, 228
Decimal	8971428
CIELab	83.65, -41.01, 22.83
CIELCh	84, 46.934, 150.893
Yxy	63.4014, 0.2915, 0.4144
Android (android.graphics.Color)	4287161508 (0xFF88E4A4)
YUV	193.1960, -14.3936, -50.1609
Hunter-Lab	79.6250, -39.3667, 22.2230

Details

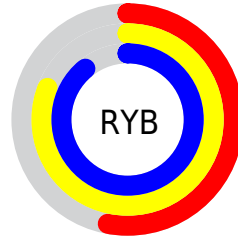
The YUV color **193.1960, -14.3936, -50.1609** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **170.8040, 14.3936, 50.1609**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3580, -6.5855, -34.5170**, and **137.9510, -12.7938, -49.9460** is the 20% darker color. If you saturate the color by 10%, you get **184.4950, -17.9920, -62.7011**, and if you desaturate by 10%, it is **201.8970, -10.7952, -37.6207**.

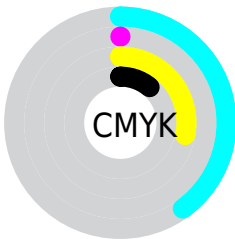
Distribution



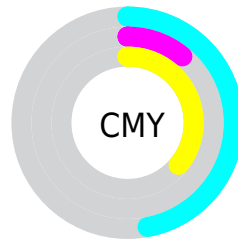
- Red (53%)
- Green (89%)
- Blue (64%)



- Red (53%)
- Yellow (81%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1960, -14.3936, -50.1609 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 193.1960, -14.3936, -50.1609 by changing the saturation by 10% instead.

■ 193.1960,
-14.3936, -50.1609

■ 193.1960,
-14.3936, -50.1609

■ 255.0000, 0.0000,
0.0000

■ 165.4240,
-13.5200, -50.3608

■ 232.3580, -6.5855,
-34.5170

■ 137.9510,
-12.7938, -49.9460

■ 244.0360, 1.9543,
-20.2026

■ 110.5810,
-11.6254, -51.3755

■ 253.8040, 0.5896,
-2.4591

■ 81.5200, -9.1304,
-58.3380

■ 59.2650, -9.0046,
-51.9754

■ 42.6690, -11.6688,
-37.4207

■ 27.0020, -13.3120,

-23.6808

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 193.1960,
-14.3936, -50.1609

■ 193.1960,
-14.3936, -50.1609

■ 184.4950,
-17.9920, -62.7011

■ 201.8970,
-10.7952, -37.6207

■ 175.7940,
-21.5904, -75.2413

■ 210.5980, -7.1968,
-25.0804

■ 167.3920,
-25.3363, -87.1668

■ 219.0000, -3.4510,
-13.1550

■ 158.8050,
-28.4979, -99.8070

■ 227.5870, -0.2894,
-0.5148

■ 150.1040,
-32.0963, -112.3472

■ 236.2880, 3.3090,
12.0254

■ 141.7020,
-35.8421, -124.2727

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



200.2970, -34.1634, -9.0305



193.1960, -14.3936, -50.1609



179.9290, 13.8390, -99.0387

Triad

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



193.1960, -14.3936, -50.1609



196.5700, 28.8060, -46.1039



199.5410, -17.0287, 48.6375

Complementary

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



193.1960, -14.3936, -50.1609



170.8040, 14.3936, 50.1609

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.



202.2090, 3.3480, 46.2977



193.1960, -14.3936, -50.1609



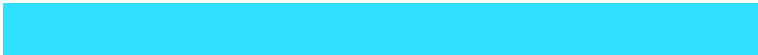
208.9940, 22.6810, 5.2673

Square

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



193.1960, -14.3936, -50.1609



174.6110, 39.6318, -111.9148



211.2200, 20.1045, 38.3951



203.4100, -35.2051, 45.2444

Rectangle

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



193.1960, -14.3936, -50.1609



163.4300, 37.2560, -143.3281



211.2200, 20.1045, 38.3951



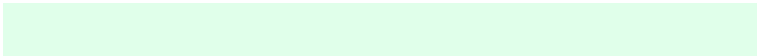
199.3760, -10.0454, 48.7822

Sweetspot

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



193.1960, -14.3936, -50.1609



243.3370, -4.6031, -16.9585



209.1400, -36.0580, -8.0158



121.1360, -3.0250, -9.7663



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.



193.1960, -14.3936, -50.1609



208.8320, -19.1442, -66.5047



198.4400, 5.6991, -54.7599



110.5000, -1.7255, -6.5775



111.2290, -28.2139, -97.5478



31.7610, -7.7702, -27.8544

Inverse Universe

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



170.8040, 14.3936, 50.1609



179.1680, 19.1442, 66.5047



165.5600, -5.6991, 54.7599



107.5000, 1.7255, 6.5775



67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 193.1960, -14.3936, -50.1609 looks on a white background.

Color Contrast Check

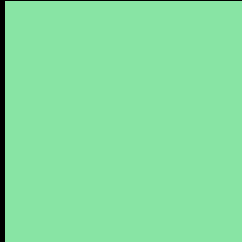
Large Text (above 18pt) WCAG AA × Fail

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 193.1960, -14.3936, -50.1609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

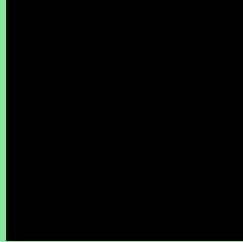
Any Text WCAG AA ✓ Pass

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 193.1960, -14.3936, -50.1609 Background



This preview shows how black text looks on a background with the YUV color 193.1960, -14.3936, -50.1609.



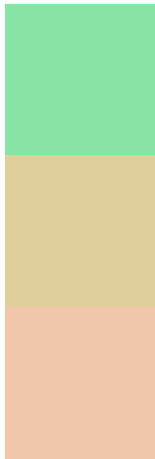
This preview shows how white text looks on a background with the YUV color 193.1960, -14.3936, -50.1609.

-50.1609.

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

193.1960, -14.3936, -50.1609

Protanopia

205.5570, -24.9246, 14.4205

Deuteranopia

207.9530, -18.7108, 28.1052



Tritanopia

200.9050, 17.3018, -42.8897

Trichromacy



Original Color

193.1960, -14.3936, -50.1609



Protanomaly

201.3260, -21.3597, -9.0559



Deuteranomaly

202.8200, -17.1663, -0.7191



Tritanomaly

197.9080, 5.9614, -45.5233

Monochromacy



Original Color

193.1960, -14.3936, -50.1609



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.0980, -5.4713, -18.5029

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1960, -14.3936, -50.1609 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(136, 228, 164)` looks like.

```
.text, #text, p{  
    color:rgb(136, 228, 164)  
}
```

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(136, 228, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 228, 164) }
```

Border

The CSS property to change the border of an element to YUV 193.1960, -14.3936, -50.1609 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(136, 228, 164) }
```


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

```
.border{ border-color:rgb(136, 228, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 228, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 228, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 228, 164);  
box-shadow:4px 4px 4px 4px rgb(136, 228,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 193.1960, -14.3936, -50.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 228, 164) }
```

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

```
.background{ background-color: rgb(136,  
228, 164) }
```

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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