

Converting Colors

YUV(201.5630, -4.2216,
-46.0978)

Have a look what the booklet for
YUV(201.5630, -4.2216, -46.0978)
contains.

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Color

**YUV(201.5630, -4.2216,
-46.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	95E6C1
RGB	149, 230, 193
RGB Percent	58%, 90%, 76%
CMY	0.4157, 0.0980, 0.2431
CMYK	0.35, 0.00, 0.16, 0.10
HSL	153°, 62%, 74%
HSV	153°, 35%, 90%
XYZ	50.3169, 66.8334, 60.7002
YIQ	201.5630, -36.3990, -28.6790

Conversions

Conversions Part 2

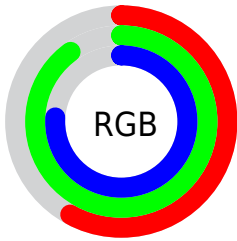
Format	Color
RYB	149, 201, 230
Decimal	9823937
CIELab	85.42, -32.68, 10.26
CIELCh	85, 34.248, 162.572
Yxy	66.8334, 0.2829, 0.3758
Android (android.graphics.Color)	4288014017 (0xFF95E6C1)
YUV	201.5630, -4.2216, -46.0978
Hunter-Lab	81.7517, -33.2016, 13.2037

Details

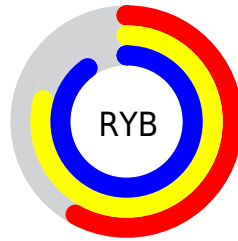
The YUV color **201.5630, -4.2216, -46.0978** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **177.4370, 4.2216, 46.0978**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3660, 4.7496, -30.1390**, and **146.3890, -3.6428, -45.0682** is the 20% darker color. If you saturate the color by 10%, you get **193.4320, -5.6360, -59.1379**, and if you desaturate by 10%, it is **209.6940, -2.8071, -33.0576**.

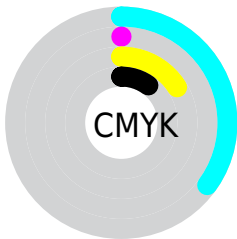
Distribution



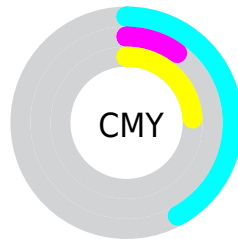
- Red (58%)
- Green (90%)
- Blue (76%)



- Red (58%)
- Yellow (79%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (42%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.5630, -4.2216, -46.0978 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 201.5630, -4.2216, -46.0978 by changing the saturation by 10% instead.

 201.5630, -4.2216,
-46.0978


 201.5630, -4.2216,
-46.0978


255.0000, 0.0000,
0.0000


 173.9760, -3.9322,
-45.5830


 239.3660, 4.7496,
-30.1390


 146.3890, -3.6428,
-45.0682

 248.7210, 3.0955,
-12.9103

 119.6170, -2.7692,
-45.2681

 92.8340, -1.8902,
-47.2124

 63.8760, 1.0471,
-56.0193

 46.6930, -1.3276,
-40.9498

 30.7980, -3.8444,

-27.0098

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 201.5630, -4.2216,
-46.0978

■ 201.5630, -4.2216,
-46.0978

■ 193.4320, -5.6360,
-59.1379

■ 209.6940, -2.8071,
-33.0576

■ 185.4150, -6.6136,
-72.2780

■ 217.7110, -1.8295,
-19.9175

■ 177.2840, -8.0280,
-85.3181

■ 225.8420, -0.4151,
-6.8774

■ 169.2670, -9.0056,
-98.4582

■ 233.8590, 0.5625,
6.2627

■ 161.1360,
-10.4200, -111.4983

■ 239.2990, 3.3036,
13.7698

■ 153.1190,
-11.3977, -124.6384

■ 240.3250, 7.2348,
12.8700

■ 149.2600,
-11.9602, -130.9010

Harmonies

Analogous

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



206.4990, -20.4590, -17.9776



201.5630, -4.2216, -46.0978



197.5290, 14.0362, -68.8699

Triad

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



201.5630, -4.2216, -46.0978



210.9220, 21.7305, -16.5946



210.2040, -19.3276, 39.2861

Complementary

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



201.5630, -4.2216, -46.0978



177.4370, 4.2216, 46.0978

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.



210.6890, -4.7767, 38.8607



201.5630, -4.2216, -46.0978



216.7350, 18.8646, 16.0184

Square

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



201.5630, -4.2216, -46.0978



202.7390, 25.7647, -50.6371



215.6250, 9.0589, 34.5319



213.3100, -30.2258, 34.8081

Rectangle

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



201.5630, -4.2216, -46.0978



196.3570, 24.9670, -74.8581



215.6250, 9.0589, 34.5319



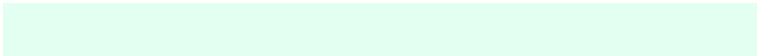
209.4690, -14.5282, 39.9307

Sweetspot

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



201.5630, -4.2216, -46.0978



245.1460, -1.5510, -15.9140



207.9090, -29.0421, -18.3372



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



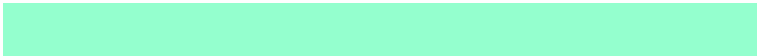
128.0000, 0.0000, 0.0000

Same Dimension

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



201.5630, -4.2216, -46.0978



217.4210, -5.6306, -60.8822



204.0200, 12.8081, -48.2525



110.8420, -0.4151, -6.8774



116.1310, -9.4316, -101.8469



33.1290, -2.5286, -29.0541

Inverse Universe

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



177.4370, 4.2216, 46.0978



185.5790, 5.6306, 60.8822



174.9800, -12.8081, 48.2525



107.2720, 0.8519, 6.7775



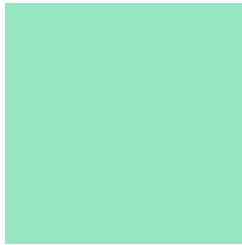
62.8690, 9.4316, 101.8469



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 201.5630, -4.2216, -46.0978 looks on a white background.

Color Contrast Check

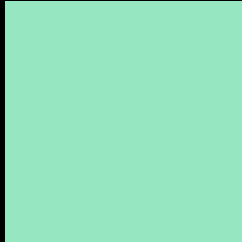
Large Text (above 18pt) WCAG AA × Fail

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 201.5630, -4.2216, -46.0978 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

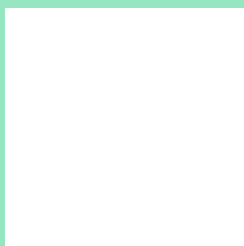
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.5630, -4.2216, -46.0978

Background



This preview shows how black text looks on a background with the YUV color 201.5630, -4.2216, -46.0978.



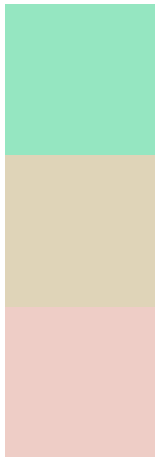
This preview shows how white text looks on a background with the YUV color 201.5630, -4.2216,

-46.0978.

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

201.5630, -4.2216, -46.0978

Protanopia

212.0970, -13.8518, 9.5619

Deuteranopia

214.0690, -7.9220, 20.9875



Tritanopia

206.2150, 17.1490, -40.5306

Trichromacy



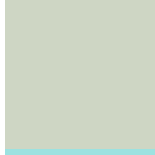
Original Color

201.5630, -4.2216, -46.0978



Protanomaly

208.4750, -10.5872, -10.9406



Deuteranomaly

209.5560, -6.6831, -3.1186



Tritanomaly

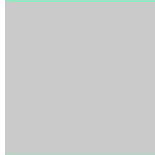
204.8420, 9.4449, -42.8344

Monochromacy



Original Color

201.5630, -4.2216, -46.0978



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.8470, -1.4036, -16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.5630, -4.2216, -46.0978 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(149, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(149, 230, 193)  
}
```

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(149, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 230, 193) }
```

Border

The CSS property to change the border of an element to YUV 201.5630, -4.2216, -46.0978 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(149, 230, 193) }
```


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

```
.border{ border-color:rgb(149, 230, 193) }
```

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

Here you see how a box with a 4 pixel rgb(149, 230, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(149, 230,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 201.5630, -4.2216, -46.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 230, 193) }
```

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

```
.background{ background-color: rgb(149,  
230, 193) }
```

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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