

Converting Colors

YUV(205.8690, -4.8654,
-26.1951)

Have a look what the booklet for
YUV(205.8690, -4.8654, -26.1951)
contains.

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Color

**YUV(205.8690, -4.8654,
-26.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DFC4
RGB	176, 223, 196
RGB Percent	69%, 87%, 77%
CMY	0.3098, 0.1255, 0.2314
CMYK	0.21, 0.00, 0.12, 0.13
HSL	146°, 42%, 78%
HSV	146°, 21%, 87%
XYZ	54.2560, 65.9910, 62.1025
YIQ	205.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

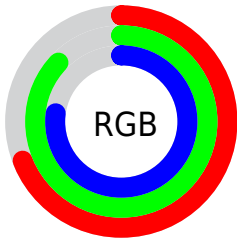
Format	Color
RYB	176, 209, 223
Decimal	11591620
CIELab	84.99, -20.54, 8.26
CIELCh	85, 22.140, 158.088
Yxy	65.9910, 0.2975, 0.3619
Android (android.graphics.Color)	4289781700 (0xFFB0DFC4)
YUV	205.8690, -4.8654, -26.1951
Hunter-Lab	81.2348, -22.9425, 11.5383

Details

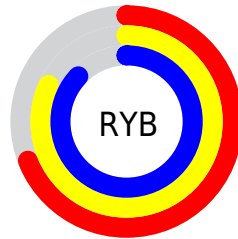
The YUV color $205.8690, -4.8654, -26.1951$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $193.1310, 4.8654, 26.1951$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8950, 2.5168, -13.9399$, and $151.5810, -4.7234, -25.0655$ is the 20% darker color. If you saturate the color by 10%, you get $197.8090, -7.3008, -38.4205$, and if you desaturate by 10%, it is $213.9290, -2.4300, -13.9697$.

Distribution



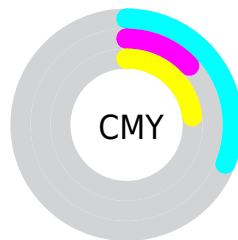
- Red (69%)
- Green (87%)
- Blue (77%)



- Red (69%)
- Yellow (82%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8690, -4.8654, -26.1951 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 205.8690, -4.8654, -26.1951 by changing the saturation by 10% instead.

■ 205.8690, -4.8654,
-26.1951

■ 205.8690, -4.8654,
-26.1951

255.0000, 0.0000,
0.0000

■ 178.2820, -4.5760,
-25.6803

■ 247.8950, 2.5168,
-13.9399

■ 151.5810, -4.7234,
-25.0655

■ 125.1080, -3.9972,
-24.6507

■ 99.5210, -3.7079,
-24.1359

■ 75.6350, -3.2711,
-24.2359

■ 52.0480, -2.9817,
-23.7211

■ 28.6780, -1.8133,

-25.1506

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 205.8690, -4.8654,
-26.1951

■ 205.8690, -4.8654,
-26.1951

■ 197.8090, -7.3008,
-38.4205

■ 213.9290, -2.4300,
-13.9697

■ 189.4500, -9.5888,
-51.2606

■ 222.2880, -0.1420,
-1.1296

■ 181.5040,
-11.5875, -63.5860

■ 230.2340, 1.8566,
11.1958

■ 173.4440,
-14.0229, -75.8114

■ 235.3040, 5.7661,
17.2734

■ 165.3840,
-16.4583, -88.0368

■ 236.2160, 9.2605,
16.4736

■ 157.0250,
-18.7463, -100.8769

■ 148.9650,
-21.1817, -113.1023

■ 141.7310,
-23.0384, -124.2981

Harmonies

Analogous

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



208.4600, -14.5238, -8.2964



205.8690, -4.8654, -26.1951



203.7670, 6.5239, -39.2607

Triad

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



205.8690, -4.8654, -26.1951



211.8900, 20.2672, -13.9355



214.6640, -13.6384, 34.4977

Complementary

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



205.8690, -4.8654, -26.1951



193.1310, 4.8654, 26.1951

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.



216.0690, -4.4710, 34.1425



205.8690, -4.8654, -26.1951



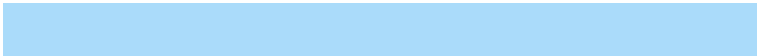
214.9420, 14.8186, 7.0669

Square

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



205.8690, -4.8654, -26.1951



207.8830, 20.7637, -33.2234



215.7610, 6.0338, 24.7656



213.1160, -19.2842, 25.3313

Rectangle

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



205.8690, -4.8654, -26.1951



204.4660, 13.0813, -42.5047



215.7610, 6.0338, 24.7656



215.0600, -10.8756, 35.0274

Sweetspot

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



205.8690, -4.8654, -26.1951



249.4890, -1.7201, -8.3219



211.6620, -17.5814, -7.5966



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000



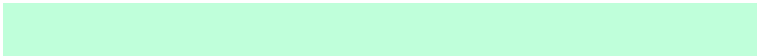
128.0000, 0.0000, 0.0000

Same Dimension

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



205.8690, -4.8654, -26.1951



231.6460, -6.7275, -35.6465



208.4910, 5.1809, -28.4946



108.0270, -0.9993, -6.1627



111.8620, -18.1730, -98.1030



30.5700, -4.7180, -26.8099

Inverse Universe

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



193.1310, 4.8654, 26.1951



214.3540, 6.7275, 35.6465



190.5090, -5.1809, 28.4946



104.9730, 0.9993, 6.1627



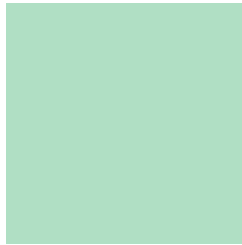
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 205.8690, -4.8654, -26.1951 looks on a white background.

Color Contrast Check

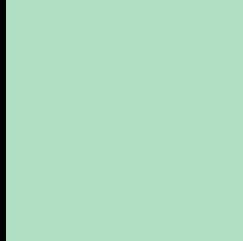
Large Text (above 18pt) WCAG AA × Fail

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 205.8690, -4.8654, -26.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

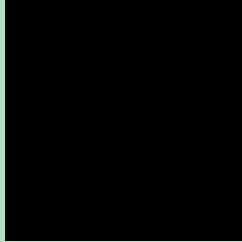
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.8690, -4.8654, -26.1951

Background



This preview shows how black text looks on a background with the YUV color 205.8690, -4.8654, -26.1951.



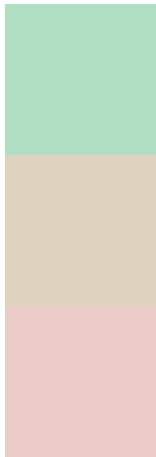
This preview shows how white text looks on a background with the YUV color 205.8690, -4.8654,

-26.1951.

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

205.8690, -4.8654, -26.1951

Protanopia

211.5960, -10.6468, 8.2473

Deuteranopia

213.1120, -6.4642, 20.0728



Tritanopia

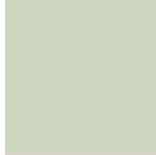
208.8860, 12.8742, -22.7020

Trichromacy



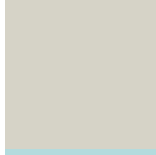
Original Color

205.8690, -4.8654, -26.1951



Protanomaly

209.3880, -8.5723, -3.8483



Deuteranomaly

210.5290, -5.6838, 3.0441



Tritanomaly

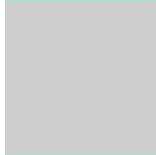
207.5670, 6.6225, -24.1763

Monochromacy



Original Color

205.8690, -4.8654, -26.1951



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.7770, -1.8621, -9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8690, -4.8654, -26.1951 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(176, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 223, 196)  
}
```

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(176, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 223, 196) }
```

Border

The CSS property to change the border of an element to YUV 205.8690, -4.8654, -26.1951 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(176, 223, 196) }
```


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

```
.border{ border-color:rgb(176, 223, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 223, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 223, 196);  
box-shadow:4px 4px 4px 4px rgb(176, 223,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 205.8690, -4.8654, -26.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 223, 196) }
```

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

```
.background{ background-color: rgb(176,  
223, 196) }
```

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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