

Converting Colors

YUV(206.1480, 1.8990,
-49.2418)

Have a look what the booklet for
YUV(206.1480, 1.8990, -49.2418)
contains.

YUV(206.1480, 1.8990, -49.2418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.1480, 1.8990,
-49.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	96EAD2
RGB	150, 234, 210
RGB Percent	59%, 92%, 82%
CMY	0.4118, 0.0824, 0.1765
CMYK	0.36, 0.00, 0.10, 0.08
HSL	163°, 67%, 75%
HSV	163°, 36%, 92%
XYZ	53.6334, 69.9828, 71.6540
YIQ	206.1480, -42.3600, -25.2720

Conversions

Conversions Part 2

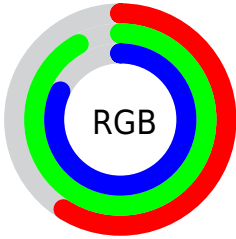
Format	Color
RYB	150, 199, 234
Decimal	9890514
CIELab	86.99, -30.74, 3.60
CIElCh	87, 30.950, 173.314
Yxy	69.9828, 0.2747, 0.3584
Android (android.graphics.Color)	4288080594 (0xFF96EAD2)
YUV	206.1480, 1.8990, -49.2418
Hunter-Lab	83.6557, -31.9576, 7.7751

Details

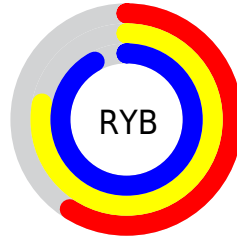
The YUV color $206.1480, 1.8990, -49.2418$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $177.8520, -1.8990, 49.2418$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6480, 7.0755, -29.5093$, and $150.6750, 2.6252, -48.8270$ is the 20% darker color. If you saturate the color by 10%, you get $198.4730, 2.2318, -62.6818$, and if you desaturate by 10%, it is $213.8230, 1.5663, -35.8018$.

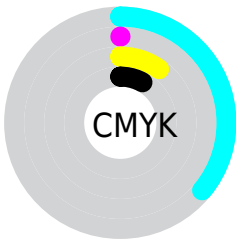
Distribution



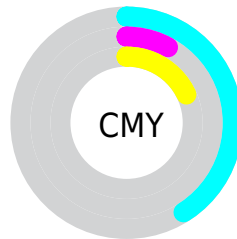
- Red (59%)
- Green (92%)
- Blue (82%)



- Red (59%)
- Yellow (78%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (41%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1480, 1.8990, -49.2418 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 206.1480, 1.8990, -49.2418 by changing the saturation by 10% instead.

 206.1480, 1.8990,
-49.2418

 206.1480, 1.8990,
-49.2418

255.0000, 0.0000,
0.0000


 178.1480, 1.8990,
-49.2418


 240.6480, 7.0755,
-29.5093

 150.6750, 2.6252,
-48.8270

 249.3190, 2.8007,
-11.6808

 123.4900, 3.2094,
-49.5417

 96.5930, 3.6517,
-51.3861

 67.2330, 6.2941,
-58.9633

 50.6370, 3.6300,
-44.4086

 34.6280, 0.6764,

-30.3688

■ 20.4940, -2.7085,
-17.9732

■ 0.0000, 0.0000,
0.0000

■ 206.1480, 1.8990,
-49.2418

■ 206.1480, 1.8990,
-49.2418

■ 198.4730, 2.2318,
-62.6818

■ 213.8230, 1.5663,
-35.8018

■ 190.6130, 3.1488,
-76.8366

■ 221.6830, 0.6493,
-21.6470

■ 182.9380, 3.4816,
-90.2766

■ 229.3580, 0.3165,
-8.2070

■ 174.9640, 3.9617,
-104.3314

■ 237.3320, -0.1637,
5.8478

■ 167.4030, 4.7313,
-117.8714

■ 241.3050, 0.8356,
12.0105

■ 159.7280, 5.0641,
-131.3115

■ 242.1030, 3.8932,
11.3107

■ 156.3960, 5.2278,
-137.1593

■ 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



209.8770, -13.7434, -25.3251



206.1480, 1.8990, -49.2418



203.8870, 17.8037, -63.9219

Triad

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



206.1480, 1.8990, -49.2418



218.0870, 18.1981, -3.5843



215.6010, -21.4953, 34.5529

Complementary

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



206.1480, 1.8990, -49.2418



177.8520, -1.8990, 49.2418

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.



214.8150, -9.2758, 35.2422



206.1480, 1.8990, -49.2418



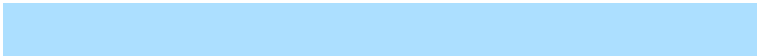
222.4540, 15.0592, 23.2808

Square

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



206.1480, 1.8990, -49.2418



211.3990, 21.4953, -34.5529



217.6480, 4.1175, 32.7577



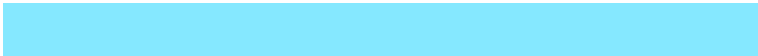
217.4120, -28.3041, 25.0717

Rectangle

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



206.1480, 1.8990, -49.2418



205.0210, 24.6396, -63.1624



217.6480, 4.1175, 32.7577



214.6380, -17.5695, 35.3975

Sweetspot

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



206.1480, 1.8990, -49.2418



245.7160, 0.6330, -16.4139



206.7830, -27.9940, -27.8737



122.3470, 0.3219, -9.9513



0.0000, 0.0000, 0.0000



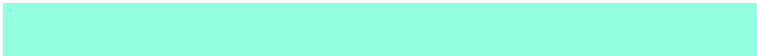
128.0000, 0.0000, 0.0000

Same Dimension

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



206.1480, 1.8990, -49.2418



218.5760, 2.6740, -64.5262



198.9050, 17.3018, -42.8897



113.3690, 0.3111, -6.4626



120.9530, 3.9672, -106.0758



36.0300, 0.9712, -31.5983

Inverse Universe

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



177.8520, -1.8990, 49.2418



181.5380, -2.2372, 64.4262



185.0950, -17.3018, 42.8897



109.6310, -0.3111, 6.4626



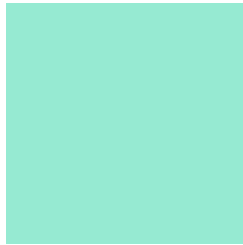
60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 206.1480, 1.8990, -49.2418 looks on a white background.

Color Contrast Check

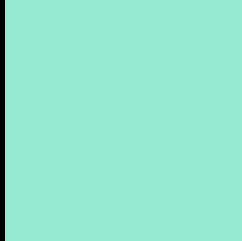
Large Text (above 18pt) WCAG AA × Fail

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 206.1480, 1.8990, -49.2418 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

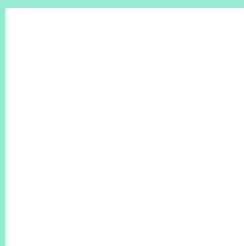
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.1480, 1.8990, -49.2418

Background



This preview shows how black text looks on a background with the YUV color 206.1480, 1.8990, -49.2418.



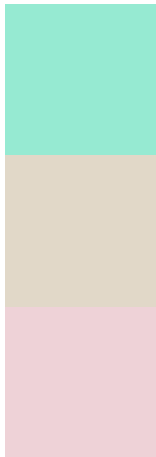
This preview shows how white text looks on a background with the YUV color 206.1480, 1.8990, -49.2418.

-49.2418.

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

206.1480, 1.8990, -49.2418

Protanopia

216.8670, -8.3154, 7.1326

Deuteranopia

218.9420, -1.9434, 16.7139



Tritanopia

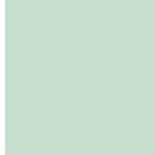
210.1220, 18.1809, -44.8340

Trichromacy



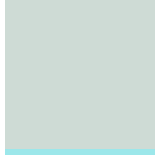
Original Color

206.1480, 1.8990, -49.2418



Protanomaly

213.3590, -4.6140, -13.4698



Deuteranomaly

214.4290, -0.7045, -7.3922



Tritanomaly

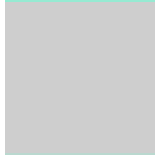
208.9170, 12.3659, -46.4082

Monochromacy



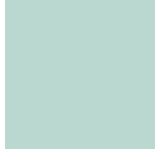
Original Color

206.1480, 1.8990, -49.2418



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1480, 1.8990, -49.2418 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(150, 234, 210)` looks like.

```
.text, #text, p{  
    color:rgb(150, 234, 210)  
}
```

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(150, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 234, 210) }
```

Border

The CSS property to change the border of an element to YUV 206.1480, 1.8990, -49.2418 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(150, 234, 210) }
```


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

```
.border{ border-color:rgb(150, 234, 210) }
```

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

Here you see how a box with a 4 pixel rgb(150, 234, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(150, 234,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 206.1480, 1.8990, -49.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 234, 210) }
```

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

```
.background{ background-color: rgb(150,  
234, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor