

Converting Colors

YUV(206.8320, 4.5198,
-49.8417)

Have a look what the booklet for
YUV(206.8320, 4.5198, -49.8417)
contains.

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Color

**YUV(206.8320, 4.5198,
-49.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	96EAD8
RGB	150, 234, 216
RGB Percent	59%, 92%, 85%
CMY	0.4118, 0.0824, 0.1529
CMYK	0.36, 0.00, 0.08, 0.08
HSL	167°, 67%, 75%
HSV	167°, 36%, 92%
XYZ	54.3952, 70.2875, 75.6657
YIQ	206.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

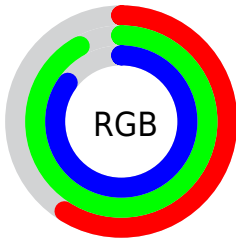
Format	Color
RYB	150, 197, 234
Decimal	9890520
CIELab	87.14, -29.44, 0.67
CIELCh	87, 29.443, 178.690
Yxy	70.2875, 0.2715, 0.3508
Android (android.graphics.Color)	4288080600 (0xFF96EAD8)
YUV	206.8320, 4.5198, -49.8417
Hunter-Lab	83.8377, -30.9024, 5.1756

Details

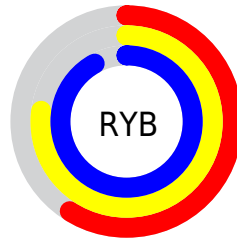
The YUV color $206.8320, 4.5198, -49.8417$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $177.1680, -4.5198, 49.8417$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6480, 7.0755, -29.5093$, and $151.2450, 4.8092, -49.3269$ is the 20% darker color. If you saturate the color by 10%, you get $199.3850, 5.7262, -63.4816$, and if you desaturate by 10%, it is $214.2790, 3.3135, -36.2017$.

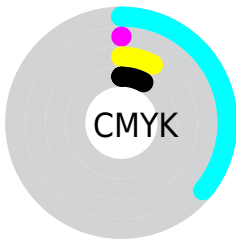
Distribution



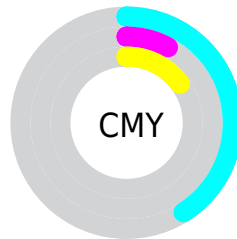
- Red (59%)
- Green (92%)
- Blue (85%)



- Red (59%)
- Yellow (77%)
- Blue (92%)



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



- Cyan (41%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8320, 4.5198, -49.8417 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 206.8320, 4.5198, -49.8417 by changing the saturation by 10% instead.

■ 206.8320, 4.5198,
-49.8417

■ 206.8320, 4.5198,
-49.8417

255.0000, 0.0000,
0.0000

■ 178.8320, 4.5198,
-49.8417

■ 240.6480, 7.0755,
-29.5093

■ 151.2450, 4.8092,
-49.3269

■ 249.3190, 2.8007,
-11.6808

■ 124.0600, 5.3934,
-50.0416

■ 96.9780, 6.4198,
-52.6007

■ 67.9170, 8.9149,
-59.5632

■ 51.0930, 5.3772,
-44.8086

■ 35.1980, 2.8604,

-30.8686

■ 21.6510, -0.8139,
-18.9879

■ 0.0000, 0.0000,
0.0000

■ 206.8320, 4.5198,
-49.8417

■ 206.8320, 4.5198,
-49.8417

■ 199.3850, 5.7262,
-63.4816

■ 214.2790, 3.3135,
-36.2017

■ 191.6390, 7.0800,
-77.7364

■ 222.0250, 1.9597,
-21.9469

■ 184.1920, 8.2863,
-91.3764

■ 229.4720, 0.7533,
-8.3069

■ 176.4460, 9.6401,
-105.6311

■ 237.2180, -0.6005,
5.9478

■ 168.9990, 10.8465,
-119.2711

■ 241.0770, -0.0380,
12.2105

■ 161.5520, 12.0529,
-132.9111

■ 241.6470, 2.1460,
11.7106

■ 158.3340, 12.6533,
-138.8589

■ 242.2170, 4.3300,
11.2107

■ 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.



210.2510, -10.9697, -28.2841



206.8320, 4.5198, -49.8417



205.5500, 18.9559, -60.1183

Triad

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



206.8320, 4.5198, -49.8417



219.5930, 17.4557, 1.2339



217.2480, -22.8003, 33.1085

Complementary

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



206.8320, 4.5198, -49.8417



177.1680, -4.5198, 49.8417

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.



215.6470, -11.1650, 34.5126



206.8320, 4.5198, -49.8417



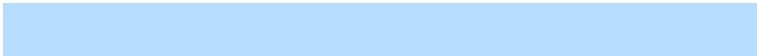
223.0800, 12.2856, 26.2398

Square

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



206.8320, 4.5198, -49.8417



213.2150, 20.6000, -27.3756



217.6650, 1.6442, 32.7428



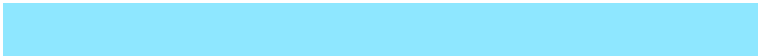
217.1340, -26.6881, 20.0535

Rectangle

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



206.8320, 4.5198, -49.8417



207.1250, 23.6024, -57.1146



217.6650, 1.6442, 32.7428



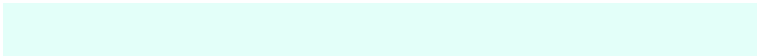
216.1710, -19.3113, 34.0530

Sweetspot

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



206.8320, 4.5198, -49.8417



245.9440, 1.5066, -16.6139



204.6900, -26.9622, -32.1771



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000



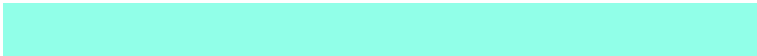
128.0000, 0.0000, 0.0000

Same Dimension

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



206.8320, 4.5198, -49.8417



219.4880, 6.1684, -65.3260



194.7960, 19.3276, -39.2861



113.4830, 0.7479, -6.5626



122.4350, 9.6455, -107.3755



36.4860, 2.7184, -31.9982

Inverse Universe

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



177.1680, -4.5198, 49.8417



180.6260, -5.7316, 65.2260



189.2040, -19.3276, 39.2861



109.5170, -0.7479, 6.5626



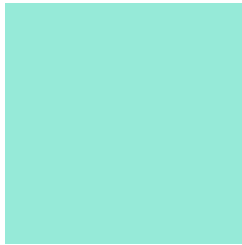
58.5650, -9.6455, 107.3755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 206.8320, 4.5198, -49.8417 looks on a white background.

Color Contrast Check

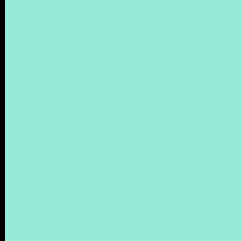
Large Text (above 18pt) WCAG AA × Fail

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 206.8320, 4.5198, -49.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

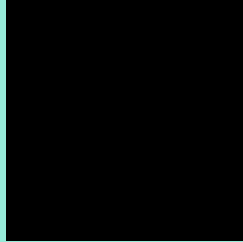
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

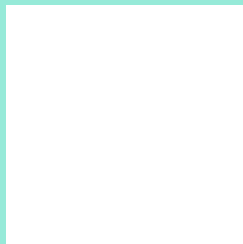
Any Text WCAG AAA ✓ Pass

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

YUV 206.8320, 4.5198, -49.8417 Background



This preview shows how black text looks on a background with the YUV color 206.8320, 4.5198, -49.8417.



This preview shows how white text looks on a background with the YUV color 206.8320, 4.5198, -49.8417.

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

206.8320, 4.5198, -49.8417

Protanopia

217.2520, -5.5472, 5.9180

Deuteranopia

219.0280, 0.9722, 14.8844



Tritanopia

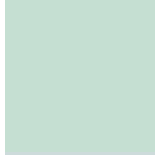
209.9370, 18.7651, -45.5487

Trichromacy



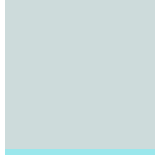
Original Color

206.8320, 4.5198, -49.8417



Protanomaly

213.7440, -1.8458, -14.6845



Deuteranomaly

214.8140, 2.0637, -8.6069



Tritanomaly

208.8460, 13.3869, -47.2229

Monochromacy



Original Color

206.8320, 4.5198, -49.8417



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.9330, 1.5120, -18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8320, 4.5198, -49.8417 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(150, 234, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 234, 216) }
```

Border

The CSS property to change the border of an element to YUV 206.8320, 4.5198, -49.8417 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, 216) }
```


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

```
.border{ border-color:rgb(150, 234, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(150, 234,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 206.8320, 4.5198, -49.8417 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, 216) }
```

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

```
.background{ background-color: rgb(150,  
234, 216) }
```

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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