

Converting Colors

YUV(147.0210, 28.0906,
-50.0074)

Have a look what the booklet for
YUV(147.0210, 28.0906, -50.0074)
contains.

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Color

**YUV(147.0210, 28.0906,
-50.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA5CC
RGB	90, 165, 204
RGB Percent	35%, 65%, 80%
CMY	0.6471, 0.3529, 0.2000
CMYK	0.56, 0.19, 0.00, 0.20
HSL	201°, 53%, 58%
HSV	201°, 56%, 80%
XYZ	28.5707, 33.4436, 62.0762
YIQ	147.0210, -57.2190, -3.7710

Conversions

Conversions Part 2

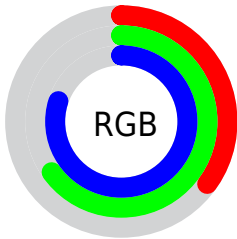
Format	Color
R_{YB}	90, 135, 204
Decimal	5940684
CIE _{Lab}	64.52, -12.12, -27.01
CIE _{LCh}	65, 29.610, 245.828
Yxy	33.4436, 0.2302, 0.2695
Android (android.graphics.Color)	4284130764 (0xFF5AA5CC)
YUV	147.0210, 28.0906, -50.0074
Hunter-Lab	57.8304, -13.0167, -23.1616

Details

The YUV color **147.0210, 28.0906, -50.0074** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **146.9790, -28.0906, 50.0074**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4620, 25.9012, -47.7632**, and **89.4110, 29.8704, -60.8734** is the 20% darker color. If you saturate the color by 10%, you get **136.9320, 33.0645, -58.6994**, and if you desaturate by 10%, it is **157.1100, 23.1168, -41.3155**.

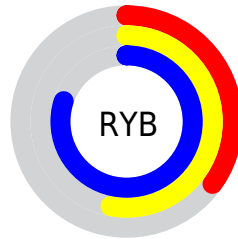
Distribution



Red (35%)

Green (65%)

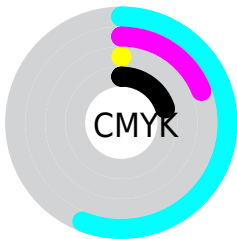
Blue (80%)



Red (35%)

Yellow (53%)

Blue (80%)

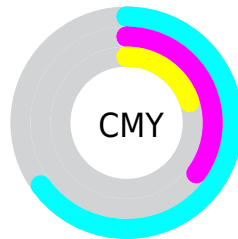


Cyan (56%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (65%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0210, 28.0906, -50.0074 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 147.0210, 28.0906, -50.0074 by changing the saturation by 10% instead.

■ 147.0210, 28.0906,
-50.0074

■ 147.0210, 28.0906,
-50.0074

■ 255.0000, 0.0000,
0.0000

■ 119.2980, 27.9541,
-52.8813

■ 202.4620, 25.9012,
-47.7632

■ 89.4110, 29.8704,
-60.8734

■ 228.1560, 13.2341,
-44.8638

■ 66.3790, 28.4072,
-58.2144

■ 240.3490, 7.2229,
-30.1241

■ 49.4410, 24.4326,
-43.3598

■ 249.0200, 2.9481,
-12.2955

■ 33.7910, 20.3160,
-29.6347

■ 20.0160, 15.7681,
-17.5540

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 147.0210, 28.0906,
-50.0074

■ 147.0210, 28.0906,
-50.0074

■ 136.9320, 33.0645,
-58.6994

■ 157.1100, 23.1168,
-41.3155

■ 126.5440, 38.1858,
-68.0061

■ 167.4980, 17.9955,
-32.0087

■ 116.4550, 43.1597,
-76.6980

■ 177.5870, 13.0216,
-23.3168

■ 106.0670, 48.2810,
-86.0048

■ 187.9750, 7.9003,
-14.0101

■ 101.9140, 50.3284,
-89.3786

■ 198.0640, 2.9264,
-5.3181

■ 208.1530, -2.0474,
3.3738

■ 218.5410, -7.1687,
12.6805

■ 228.6300,
-12.1426, 21.3725

■ 233.3370,
-14.4631, 18.9985

Harmonies

Analogous

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



141.3260, 22.0243, -64.3069



147.0210, 28.0906, -50.0074



154.5560, 26.8409, -22.4126

Triad

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



147.0210, 28.0906, -50.0074



159.9390, -3.9139, 42.1495



151.3090, -18.8863, -9.0410

Complementary

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



147.0210, 28.0906, -50.0074



146.9790, -28.0906, 50.0074

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.



154.2580, -24.7772, 13.8057



147.0210, 28.0906, -50.0074



158.5510, -15.5546, 42.4898

Square

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



147.0210, 28.0906, -50.0074



160.5920, 9.0751, 29.2988



156.4220, -23.3790, 32.0789



147.3690, -6.5909, -32.7726

Rectangle

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



147.0210, 28.0906, -50.0074



158.2380, 22.5607, -2.8397



156.4220, -23.3790, 32.0789



152.5550, -21.9656, -1.3637

Sweetspot

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



147.0210, 28.0906, -50.0074



233.3380, 10.6794, -18.7134



161.2500, -16.3923, -62.4862



114.9430, 6.4371, -11.3510



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.



147.0210, 28.0906, -50.0074



169.8250, 41.9913, -75.2685



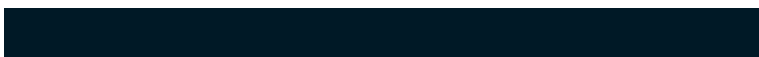
114.1490, 44.2965, -21.1787



97.2490, 2.3422, -4.6034



82.9070, 40.9648, -72.7094



19.0070, 9.3635, -16.6691

Inverse Universe

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



132.6360, 15.9555, 62.5862



148.0110, 24.1516, 93.8294



179.8510, -44.2965, 21.1787



95.7880, 1.5835, 5.4479



62.0600, 23.1414, 91.1554



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 147.0210, 28.0906, -50.0074 looks on a white background.

Color Contrast Check

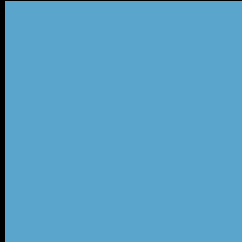
Large Text (above 18pt) WCAG AA × Fail

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 147.0210, 28.0906, -50.0074 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 147.0210, 28.0906, -50.0074

Background



This preview shows how black text looks on a background with the YUV color 147.0210, 28.0906, -50.0074.



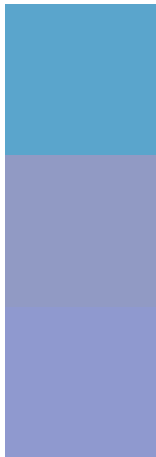
This preview shows how white text looks on a background with the YUV color 147.0210, 28.0906, -50.0074.

-50.0074.

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

147.0210, 28.0906, -50.0074

Protanopia

156.0970, 19.6722, -9.7321

Deuteranopia

156.1660, 25.0612, -11.5466



Tritanopia

144.4690, 18.5028, -54.7853

Trichromacy



Original Color

147.0210, 28.0906, -50.0074

Protanomaly

152.8070, 22.7731, -24.3867

Deuteranomaly

152.7190, 26.2675, -25.1866

Tritanomaly

145.6910, 21.8443, -53.2260

Monochromacy



Original Color

147.0210, 28.0906, -50.0074

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0210, 28.0906, -50.0074 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(90, 165, 204)` looks like.

```
.text, #text, p{  
    color:rgb(90, 165, 204)  
}
```

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(90, 165, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 165, 204) }
```

Border

The CSS property to change the border of an element to YUV 147.0210, 28.0906, -50.0074 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(90, 165, 204) }
```


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

```
.border{ border-color:rgb(90, 165, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 165, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 165, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 165, 204);  
box-shadow:4px 4px 4px 4px rgb(90, 165,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 147.0210, 28.0906, -50.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 165, 204) }
```

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

```
.background{ background-color: rgb(90, 165,  
204) }
```

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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