

Converting Colors

YUV(147.8230, 31.6393,
-68.2508)

Have a look what the booklet for
YUV(147.8230, 31.6393, -68.2508)
contains.

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Color

**YUV(147.8230, 31.6393,
-68.2508)**

Conversions

Conversions Part 1	
Format	Color
Hex	46AFD4
RGB	70, 175, 212
RGB Percent	27%, 69%, 83%
CMY	0.7255, 0.3137, 0.1686
CMYK	0.67, 0.17, 0.00, 0.17
HSL	196°, 62%, 55%
HSV	196°, 67%, 83%
XYZ	29.7394, 36.7155, 67.8067
YIQ	147.8230, -74.4570, -10.7530

Conversions

Conversions Part 2

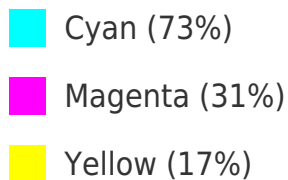
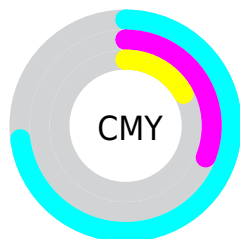
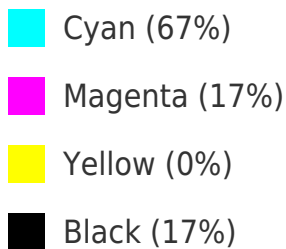
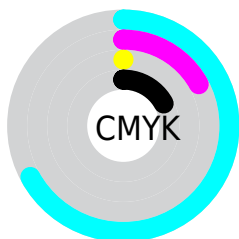
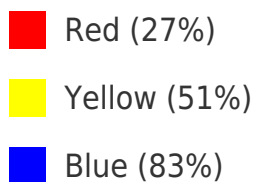
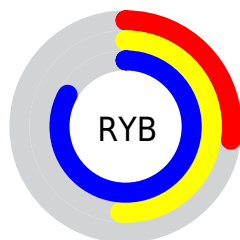
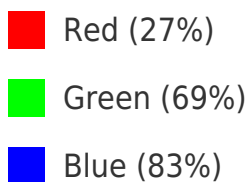
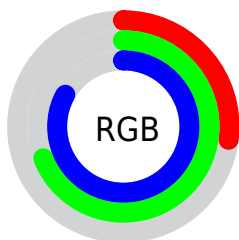
Format	Color
RYB	70, 130, 212
Decimal	4632532
CIELab	67.06, -18.59, -27.58
CIELCh	67, 33.258, 236.024
Yxy	36.7155, 0.2215, 0.2735
Android (android.graphics.Color)	4282822612 (0xFF46AFD4)
YUV	147.8230, 31.6393, -68.2508
Hunter-Lab	60.5933, -18.4298, -23.9329

Details

The YUV color **147.8230, 31.6393, -68.2508** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **134.1770, -31.6393, 68.2508**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4340, 24.9290, -62.6476**, and **89.5120, 33.2716, -78.5020** is the 20% darker color. If you saturate the color by 10%, you get **138.0220, 36.4712, -78.0723**, and if you desaturate by 10%, it is **157.6240, 26.8074, -58.4292**.

Distribution




Brightness & Saturation

Gradients


These gradients show how the YUV color 147.8230, 31.6393, -68.2508 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 147.8230, 31.6393, -68.2508 by changing the saturation by 10% instead.


 147.8230, 31.6393,
-68.2508


 147.8230, 31.6393,
-68.2508


255.0000, 0.0000,
0.0000

 116.2240, 33.4136,
-77.3724


 204.4340, 24.9290,
-62.6476

 89.5120, 33.2716,
-78.5020


 227.4920, 13.5614,
-56.5595

 71.8730, 29.1496,
-63.0326


 236.4620, 9.1392,
-38.1162

 55.5220, 24.8857,
-48.6928

 245.4320, 4.7170,
-19.6729

 39.1710, 20.6217,
-34.3530

254.7010, 0.1474,
-0.6148

 24.8090, 16.3632,
-21.7575

 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 147.8230, 31.6393,
-68.2508

■ 147.8230, 31.6393,
-68.2508

■ 138.0220, 36.4712,
-78.0723

■ 157.6240, 26.8074,
-58.4292

■ 128.8080, 41.0137,
-88.4086

■ 166.8380, 22.2649,
-48.0929


■ 118.7080, 45.9930,
-98.8449

■ 176.9380, 17.2856,
-37.6566

■ 116.3270, 47.1668,
-102.0188


■ 186.1520, 12.7431,
-27.3203

 195.9530, 7.9112,
-17.4988

 205.1670, 3.3687,
-7.1625

 214.9680, -1.4632,
2.6591

 224.4810, -6.1531,
13.6102

 232.4880,
-10.1006, 19.7430

Harmonies

Analogous

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



143.2490, 22.0622, -76.5174



147.8230, 31.6393, -68.2508



157.7220, 31.6891, -37.4672

Triad

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



147.8230, 31.6393, -68.2508



167.1010, 0.4432, 44.6384



158.5720, -24.4390, -1.3786

Complementary

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



147.8230, 31.6393, -68.2508



134.1770, -31.6393, 68.2508

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.



161.5750, -28.8775, 22.2977



147.8230, 31.6393, -68.2508



165.4640, -13.5398, 49.5821

Square

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



147.8230, 31.6393, -68.2508



167.6500, 14.4695, 25.7399



163.9500, -24.1324, 40.3858



154.4960, -12.5695, -28.4990

Rectangle

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



147.8230, 31.6393, -68.2508



163.6540, 28.2716, -14.6056



163.9500, -24.1324, 40.3858



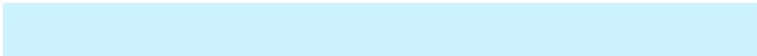
159.3450, -26.7921, 6.7134

Sweetspot

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



147.8230, 31.6393, -68.2508



232.1200, 11.2798, -24.6612



157.4580, -25.3688, -76.7007



114.0350, 6.8847, -14.9397



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.



147.8230, 31.6393, -68.2508



162.8930, 45.4088, -98.1302



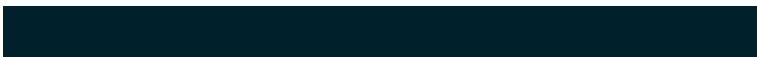
107.3200, 51.6072, -32.7296



101.9500, 2.4897, -5.2181



93.4560, 38.2292, -81.9609



23.6860, 9.5218, -20.7726

Inverse Universe

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



124.4280, 24.9320, 76.8006



129.2100, 35.8855, 110.3178



175.2670, -51.8966, 32.2148



100.2010, 1.8729, 5.9627



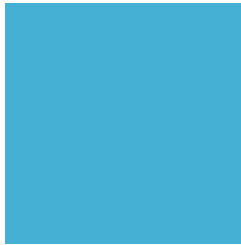
65.4930, 29.8300, 92.5296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 147.8230, 31.6393, -68.2508 looks on a white background.

Color Contrast Check

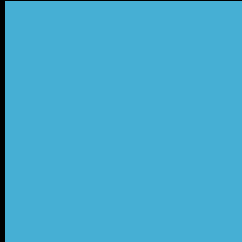
Large Text (above 18pt) WCAG AA × Fail

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 147.8230, 31.6393, -68.2508 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 147.8230, 31.6393, -68.2508

Background



This preview shows how black text looks on a background with the YUV color 147.8230, 31.6393, -68.2508.

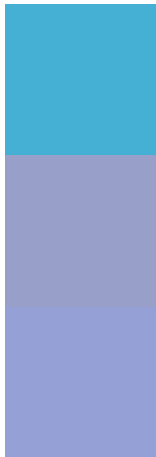


This preview shows how white text looks on a background with the YUV color 147.8230, 31.6393, -68.2508.

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

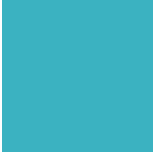
147.8230, 31.6393, -68.2508

Protanopia

162.3960, 19.5248, -9.1173

Deuteranopia

162.9810, 25.6454, -12.2613




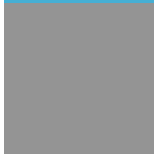
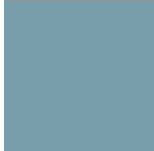
Tritanopia

144.1290, 24.0934, -74.6581

Trichromacy

	Original Color 147.8230, 31.6393, -68.2508
	Protanomaly 156.8170, 24.2472, -30.5345
	Deuteranomaly 157.1310, 28.0364, -32.5639
	Tritanomaly 145.5360, 26.8508, -72.3841

Monochromacy

	Original Color 147.8230, 31.6393, -68.2508
	Achromatopsia 148.0000, 0.0000, 0.0000
	Achromatomaly 148.1200, 11.2798, -24.6612

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8230, 31.6393, -68.2508 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(70, 175, 212)` looks like.

```
.text, #text, p{  
    color:rgb(70, 175, 212)  
}
```

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(70, 175, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 175, 212) }
```

Border

The CSS property to change the border of an element to YUV 147.8230, 31.6393, -68.2508 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(70, 175, 212) }
```


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

```
.border{ border-color:rgb(70, 175, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 175, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 175, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 175, 212);  
box-shadow:4px 4px 4px 4px rgb(70, 175,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 147.8230, 31.6393, -68.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(70, 175, 212) }
```

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

```
.background{ background-color:rgb(70, 175,  
212) }
```

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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