

Converting Colors

YUV(150.3790, 45.1692,
-67.8614)

Have a look what the booklet for
YUV(150.3790, 45.1692, -67.8614)
contains.

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Color

**YUV(150.3790, 45.1692,
-67.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	49ACF2
RGB	73, 172, 242
RGB Percent	29%, 67%, 95%
CMY	0.7137, 0.3255, 0.0510
CMYK	0.70, 0.29, 0.00, 0.05
HSL	205°, 87%, 62%
HSV	205°, 70%, 95%
XYZ	33.5272, 37.3323, 89.4432
YIQ	150.3790, -81.4740, 0.7820

Conversions

Conversions Part 2

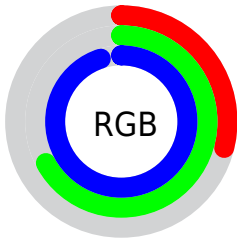
Format	Color
R _Y B	73, 135, 242
Decimal	4828402
CIE Lab	67.53, -6.74, -43.30
CIE LCh	68, 43.821, 261.151
Yxy	37.3323, 0.2091, 0.2329
Android (android.graphics.Color)	4283018482 (0xFF49ACF2)
YUV	150.3790, 45.1692, -67.8614
Hunter-Lab	61.1002, -8.9779, -44.0232

Details

The YUV color **150.3790, 45.1692, -67.8614** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **164.6210, -45.1692, 67.8614**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8800, 25.2022, -56.8998**, and **91.5300, 46.0807, -80.2718** is the 20% darker color. If you saturate the color by 10%, you get **137.3330, 51.6008, -77.4680**, and if you desaturate by 10%, it is **163.4250, 38.7375, -58.2547**.

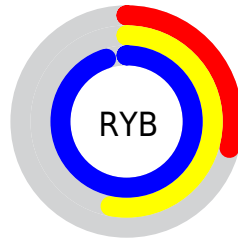
Distribution



Red (29%)

Green (67%)

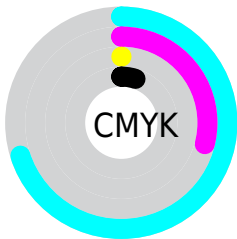
Blue (95%)



Red (29%)

Yellow (53%)

Blue (95%)

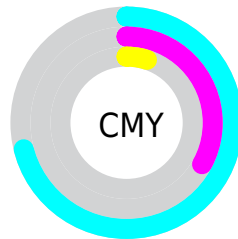


Cyan (70%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3790, 45.1692, -67.8614 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 150.3790, 45.1692, -67.8614 by changing the saturation by 10% instead.

■ 150.3790, 45.1692,
-67.8614

■ 150.3790, 45.1692,
-67.8614

255.0000, 0.0000,
0.0000

■ 117.7580, 46.9543,
-80.4718

■ 203.8800, 25.2022,
-56.8998

■ 91.5300, 46.0807,
-80.2718

■ 229.5850, 12.5296,
-52.2560

■ 73.7770, 41.5219,
-64.7024

■ 238.8540, 7.9600,
-33.1980

■ 57.3120, 36.8212,
-50.2626

■ 247.8240, 3.5378,
-14.7546

■ 41.4340, 31.8310,
-36.3376

■ 26.9580, 27.1357,
-23.6422

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 150.3790, 45.1692,
-67.8614

■ 150.3790, 45.1692,
-67.8614

■ 137.3330, 51.6008,
-77.4680

■ 163.4250, 38.7375,
-58.2547

■ 124.2870, 58.0325,
-87.0747

■ 176.4710, 32.3058,
-48.6481

■ 110.9420, 64.6116,
-97.2961

■ 189.8160, 25.7267,
-38.4266

■ 202.8620, 19.2950,
-28.8200

■ 215.9080, 12.8634,
-19.2133

■ 228.9540, 6.4317,
-9.6067

■ 242.0000, 0.0000,
0.0000

■ 251.7570, -4.8102,
2.8441

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



131.8970, 45.8998, -115.6737



150.3790, 45.1692, -67.8614



165.3150, 35.8337, -13.4313

Triad

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



150.3790, 45.1692, -67.8614



166.1500, -13.8780, 64.7664



152.9270, -19.6840, -33.2620

Complementary

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



150.3790, 45.1692, -67.8614



164.6210, -45.1692, 67.8614

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.



158.6620, -34.3434, 2.0504



150.3790, 45.1692, -67.8614



164.2570, -29.7067, 55.0256

Square

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



150.3790, 45.1692, -67.8614



167.7310, 5.0626, 56.3639



161.9370, -37.9299, 32.5043



140.4710, 5.1908, -78.4661

Rectangle

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



150.3790, 45.1692, -67.8614



168.9120, 27.1584, 15.8632



161.9370, -37.9299, 32.5043



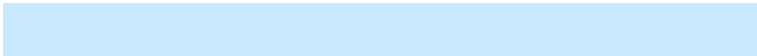
154.8100, -25.5423, -20.8814

Sweetspot

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



150.3790, 45.1692, -67.8614



225.9400, 14.3266, -21.8724



179.9550, -19.2048, -93.7995



110.2140, 8.7685, -12.4657



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.



150.3790, 45.1692, -67.8614



138.7710, 57.3009, -85.7452



102.2450, 68.8992, -25.6479



113.4770, 3.2158, -4.8033



84.3720, 49.1166, -73.9942



25.7550, 14.9108, -22.5871

Inverse Universe

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



134.8170, 18.3312, 93.9995



119.2360, 23.0547, 119.0650



212.7550, -68.8992, 25.6479



112.3860, 1.2887, 6.6775



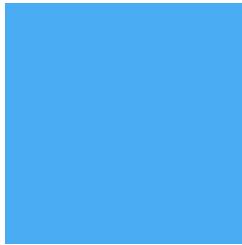
67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 150.3790, 45.1692, -67.8614 looks on a white background.

Color Contrast Check

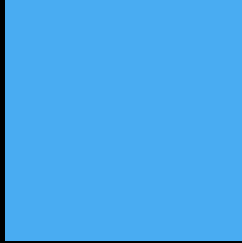
Large Text (above 18pt) WCAG AA × Fail

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 150.3790, 45.1692, -67.8614 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

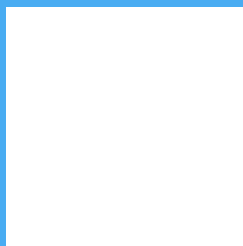
Any Text WCAG AAA ✓ Pass

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

YUV 150.3790, 45.1692, -67.8614 Background



This preview shows how black text looks on a background with the YUV color 150.3790, 45.1692, -67.8614.

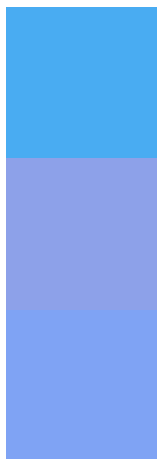


This preview shows how white text looks on a background with the YUV color 150.3790, 45.1692, -67.8614.

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

150.3790, 45.1692, -67.8614

Protanopia

163.2280, 34.3976, -19.4940

Deuteranopia

161.4700, 40.6873, -30.2302



Tritanopia

139.9530, 27.6312, -89.4128

Trichromacy



Original Color

150.3790, 45.1692, -67.8614

Protanomaly

158.4430, 38.2356, -37.2225

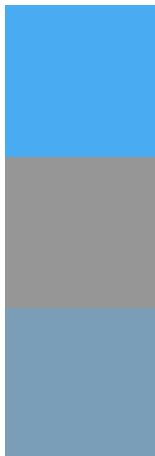
Deuteranomaly

157.1370, 42.3305, -43.9701

Tritanomaly

144.0170, 34.0086, -81.5759

Monochromacy



Original Color

150.3790, 45.1692, -67.8614

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0860, 16.2266, -24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3790, 45.1692, -67.8614 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(73, 172, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 172, 242)  
}
```

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(73, 172, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 172, 242) }
```

Border

The CSS property to change the border of an element to YUV 150.3790, 45.1692, -67.8614 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(73, 172, 242) }
```


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

```
.border{ border-color:rgb(73, 172, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 172, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 172, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 172, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 172,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 150.3790, 45.1692, -67.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 172, 242) }
```

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

```
.background{ background-color: rgb(73, 172,  
242) }
```

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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