

Converting Colors

YUV(149.6030, 42.1007,
-63.6728)

Have a look what the booklet for
YUV(149.6030, 42.1007, -63.6728)
contains.

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Color

**YUV(149.6030, 42.1007,
-63.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	4DAAEB
RGB	77, 170, 235
RGB Percent	30%, 67%, 92%
CMY	0.6980, 0.3333, 0.0784
CMYK	0.67, 0.28, 0.00, 0.08
HSL	205°, 80%, 61%
HSV	205°, 67%, 92%
XYZ	32.4307, 36.3254, 83.8995
YIQ	149.6030, -76.2930, 0.4990

Conversions

Conversions Part 2

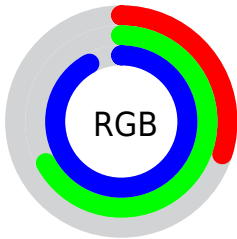
Format	Color
RYB	77, 136, 235
Decimal	5090027
CIELab	66.77, -7.37, -40.65
CIElCh	67, 41.316, 259.726
Yxy	36.3254, 0.2124, 0.2380
Android (android.graphics.Color)	4283280107 (0xFF4DAAEB)
YUV	149.6030, 42.1007, -63.6728
Hunter-Lab	60.2705, -9.4253, -40.3451

Details

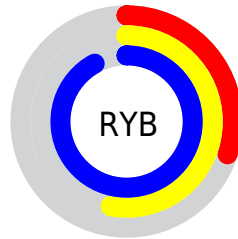
The YUV color **149.6030, 42.1007, -63.6728** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **162.3970, -42.1007, 63.6728**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3040, 25.4861, -54.6406**, and **89.6720, 44.0387, -78.6423** is the 20% darker color. If you saturate the color by 10%, you get **136.5570, 48.5324, -73.2795**, and if you desaturate by 10%, it is **162.3500, 35.8165, -54.6809**.

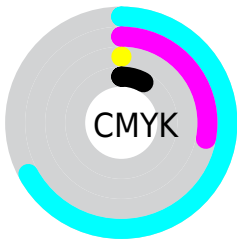
Distribution



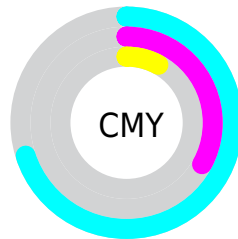
- Red (30%)
- Green (67%)
- Blue (92%)



- Red (30%)
- Yellow (53%)
- Blue (92%)



- Cyan (67%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (70%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6030, 42.1007, -63.6728 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 149.6030, 42.1007, -63.6728 by changing the saturation by 10% instead.

■ 149.6030, 42.1007,
-63.6728

■ 149.6030, 42.1007,
-63.6728

255.0000, 0.0000,
0.0000

■ 118.8900, 43.4382,
-72.6945

■ 203.3040, 25.4861,
-54.6406

■ 89.6720, 44.0387,
-78.6423

■ 229.2970, 12.6716,
-51.1265

■ 72.5060, 39.1905,
-63.5878

■ 239.1530, 7.8126,
-32.5832

■ 55.4540, 34.7792,
-48.6332

■ 248.1230, 3.3904,
-14.1399

■ 39.5760, 29.7890,
-34.7082

■ 25.1000, 25.0937,
-22.0127

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 149.6030, 42.1007,
-63.6728

■ 149.6030, 42.1007,
-63.6728

■ 136.5570, 48.5324,
-73.2795

■ 162.3500, 35.8165,
-54.6809

■ 124.3970, 54.5273,
-82.7862

■ 174.8090, 29.6742,
-44.5595

■ 111.3510, 60.9590,
-92.3928

■ 187.5560, 23.3899,
-35.5676

■ 107.7960, 62.7116,
-94.5371

■ 200.6020, 16.9582,
-25.9610

■ 212.7620, 10.9633,
-16.4543

■ 225.8080, 4.5317,
-6.8476

■ 238.5550, -1.7526,
2.1443

■ 248.0240, -6.4208,
6.1180

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



129.3380, 43.7104, -113.4294



149.6030, 42.1007, -63.6728



163.1470, 33.9445, -14.1609

Triad

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



149.6030, 42.1007, -63.6728



164.4700, -12.5567, 60.9778



151.7750, -19.1161, -28.7437

Complementary

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



149.6030, 42.1007, -63.6728



162.3970, -42.1007, 63.6728

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.



157.1290, -32.6016, 3.3949



149.6030, 42.1007, -63.6728



162.8160, -27.5173, 52.7814

Square

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



149.6030, 42.1007, -63.6728



166.4100, 5.2209, 52.2604



160.6210, -35.3092, 31.9044



142.2550, 2.8323, -68.6296

Rectangle

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



149.6030, 42.1007, -63.6728



166.3740, 26.4376, 13.7040



160.6210, -35.3092, 31.9044



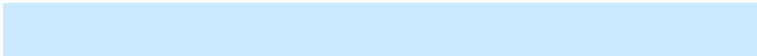
154.0600, -24.6796, -17.5926

Sweetspot

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



149.6030, 42.1007, -63.6728



227.4240, 13.5950, -20.5428



176.9280, -18.2055, -87.6369



111.1000, 8.3317, -12.3657



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.



149.6030, 42.1007, -63.6728



143.2120, 55.1115, -83.5009



104.4040, 64.3838, -24.0333



110.7760, 3.0684, -4.1886



83.4430, 48.0956, -73.1795



24.9400, 14.3266, -21.8724

Inverse Universe

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



134.8440, 17.3319, 87.8368



123.8010, 22.7761, 115.0615



207.5960, -64.3838, 24.0333



109.9730, 0.9993, 6.1627



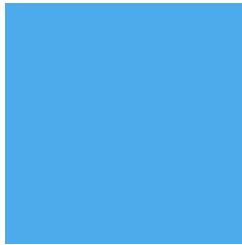
66.3170, 20.0567, 100.5770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 149.6030, 42.1007, -63.6728 looks on a white background.

Color Contrast Check

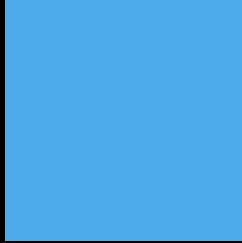
Large Text (above 18pt) WCAG AA × Fail

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 149.6030, 42.1007, -63.6728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

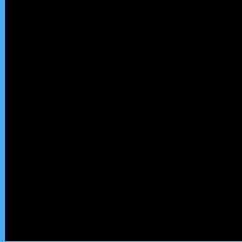
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

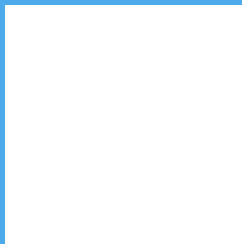
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.6030, 42.1007, -63.6728

Background



This preview shows how black text looks on a background with the YUV color 149.6030, 42.1007, -63.6728.



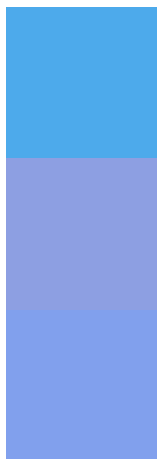
This preview shows how white text looks on a background with the YUV color 149.6030, 42.1007, -63.6728.

-63.6728.

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

149.6030, 42.1007, -63.6728

Protanopia

161.2560, 31.9188, -17.7645

Deuteranopia

159.5090, 38.2031, -26.7564



Tritanopia

141.6230, 24.8359, -79.4764

Trichromacy



Original Color

149.6030, 42.1007, -63.6728

Protanomaly

157.0690, 35.4620, -34.2635

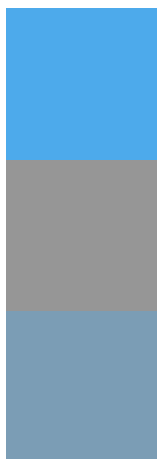
Deuteranomaly

156.0620, 39.4094, -40.3964

Tritanomaly

144.3770, 31.3661, -73.9986

Monochromacy



Original Color

149.6030, 42.1007, -63.6728

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.5700, 15.4950, -23.3019

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6030, 42.1007, -63.6728 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(77, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(77, 170, 235)  
}
```

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(77, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 170, 235) }
```

Border

The CSS property to change the border of an element to YUV 149.6030, 42.1007, -63.6728 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(77, 170, 235) }
```


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

```
.border{ border-color:rgb(77, 170, 235) }
```

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

Here you see how a box with a 4 pixel rgb(77, 170, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(77, 170,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 149.6030, 42.1007, -63.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 170, 235) }
```

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

```
.background{ background-color: rgb(77, 170,  
235) }
```

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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