

Converting Colors

YUV(148.5230, 36.7172,
-63.6027)

Have a look what the booklet for
YUV(148.5230, 36.7172, -63.6027)
contains.

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Color

**YUV(148.5230, 36.7172,
-63.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	4CABDF
RGB	76, 171, 223
RGB Percent	30%, 67%, 87%
CMY	0.7020, 0.3294, 0.1255
CMYK	0.66, 0.23, 0.00, 0.13
HSL	201°, 70%, 59%
HSV	201°, 66%, 87%
XYZ	30.8627, 35.9900, 75.1322
YIQ	148.5230, -73.3120, -3.9680

Conversions

Conversions Part 2

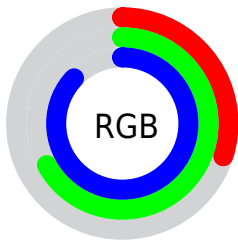
Format	Color
RYB	76, 134, 223
Decimal	5024735
CIELab	66.51, -11.99, -34.47
CIELCh	67, 36.497, 250.818
Yxy	35.9900, 0.2174, 0.2535
Android (android.graphics.Color)	4283214815 (0xFF4CABDF)
YUV	148.5230, 36.7172, -63.6027
Hunter-Lab	59.9917, -13.1563, -32.2592

Details

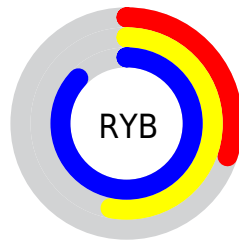
The YUV color **148.5230, 36.7172, -63.6027** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **150.4770, -36.7172, 63.6027**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2930, 25.4916, -56.3850**, and **89.0050, 38.9445, -78.0574** is the 20% darker color. If you saturate the color by 10%, you get **137.2490, 42.2752, -73.0094**, and if you desaturate by 10%, it is **159.7970, 31.1591, -54.1960**.

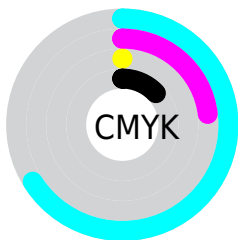
Distribution



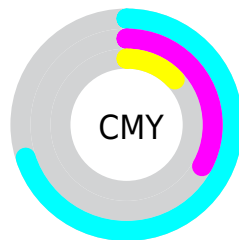
- Red (30%)
- Green (67%)
- Blue (87%)



- Red (30%)
- Yellow (53%)
- Blue (87%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5230, 36.7172, -63.6027 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 148.5230, 36.7172, -63.6027 by changing the saturation by 10% instead.

■ 148.5230, 36.7172,
-63.6027

■ 148.5230, 36.7172,
-63.6027

255.0000, 0.0000,
0.0000

■ 118.4080, 37.7599,
-71.3948

■ 203.2930, 25.4916,
-56.3850

■ 89.0050, 38.9445,
-78.0574

■ 229.2860, 12.6770,
-52.8708

■ 71.2520, 34.3858,
-62.4880

■ 238.2560, 8.2548,
-34.4275

■ 54.7870, 29.6850,
-48.0482

■ 247.2260, 3.8326,
-15.9842

■ 38.4360, 25.4211,
-33.7084

■ 24.0740, 21.1625,
-21.1129

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 148.5230, 36.7172,
-63.6027

■ 148.5230, 36.7172,
-63.6027

■ 137.2490, 42.2752,
-73.0094

■ 159.7970, 31.1591,
-54.1960

■ 125.6760, 47.9807,
-83.0309

■ 171.3700, 25.4536,
-44.1745

■ 114.4020, 53.5388,
-92.4376

■ 182.6440, 19.8955,
-34.7678

■ 109.9500, 55.7337,
-96.4261

■ 193.9180, 14.3374,
-25.3611

■ 204.9040, 8.9213,
-14.8248

■ 216.1780, 3.3632,
-5.4181

■ 227.4520, -2.1948,
3.9886

■ 238.7260, -7.7529,
13.3953

■ 243.7210,
-10.2155, 9.8917

Harmonies

Analogous

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



132.2380, 35.3787, -101.0637



148.5230, 36.7172, -63.6027



160.3370, 32.3719, -23.0975

Triad

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



148.5230, 36.7172, -63.6027



164.6200, -6.7147, 53.8303



154.2820, -21.3380, -16.0333

Complementary

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



148.5230, 36.7172, -63.6027



150.4770, -36.7172, 63.6027

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.



158.6400, -30.8815, 11.7167



148.5230, 36.7172, -63.6027



163.1130, -21.2547, 50.7669

Square

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



148.5230, 36.7172, -63.6027



165.9570, 8.8952, 40.3797



160.7230, -29.9364, 35.3229



148.4380, -4.6529, -47.7421

Rectangle

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



148.5230, 36.7172, -63.6027



164.5960, 26.3282, 2.1083



160.7230, -29.9364, 35.3229



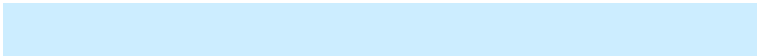
155.8980, -25.5857, -6.9265

Sweetspot

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



148.5230, 36.7172, -63.6027



229.1850, 12.7268, -22.0872



168.1030, -20.2638, -80.7743



112.2740, 7.7529, -13.3953



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.



148.5230, 36.7172, -63.6027



153.2240, 50.1756, -87.0194



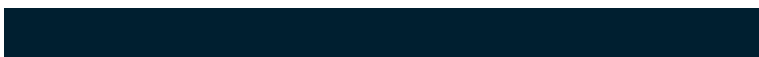
105.6720, 57.8427, -26.0223



106.3630, 2.7790, -4.7034



86.9820, 43.8859, -76.2832



23.6690, 11.9952, -20.7577

Inverse Universe

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



130.7830, 19.8270, 80.8743



128.9190, 27.1549, 110.5730



193.3280, -57.8427, 26.0223



105.0870, 1.4361, 6.0627



65.6200, 23.8513, 96.8033



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 148.5230, 36.7172, -63.6027 looks on a white background.

Color Contrast Check

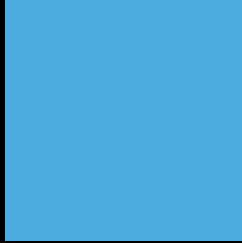
Large Text (above 18pt) WCAG AA × Fail

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 148.5230, 36.7172, -63.6027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

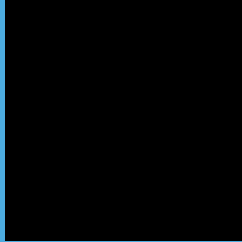
Any Text WCAG AA ✓ Pass

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 148.5230, 36.7172, -63.6027 Background



This preview shows how black text looks on a background with the YUV color 148.5230, 36.7172, -63.6027.

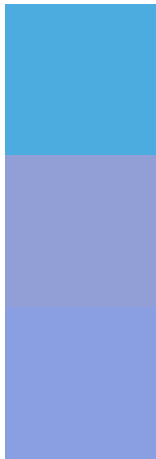


This preview shows how white text looks on a background with the YUV color 148.5230, 36.7172, -63.6027.

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

148.5230, 36.7172, -63.6027

Protanopia

161.0840, 26.0876, -14.1057

Deuteranopia

160.3590, 32.3610, -19.6088



Tritanopia

143.0150, 23.6566, -74.5582

Trichromacy



Original Color

148.5230, 36.7172, -63.6027

Protanomaly

156.2990, 29.9256, -31.8342

Deuteranomaly

155.7160, 34.1570, -35.7079

Tritanomaly

145.3020, 28.4451, -70.4249

Monochromacy



Original Color

148.5230, 36.7172, -63.6027

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.7010, 13.4584, -23.4168

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5230, 36.7172, -63.6027 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(76, 171, 223)` looks like.

```
.text, #text, p{  
    color:rgb(76, 171, 223)  
}
```

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(76, 171, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 171, 223) }
```

Border

The CSS property to change the border of an element to YUV 148.5230, 36.7172, -63.6027 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(76, 171, 223) }
```


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

```
.border{ border-color:rgb(76, 171, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 171, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 171, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 171, 223);  
box-shadow:4px 4px 4px 4px rgb(76, 171,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 148.5230, 36.7172, -63.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 171, 223) }
```

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

```
.background{ background-color: rgb(76, 171,  
223) }
```

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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