

Converting Colors

YUV(150.0610, 37.4379,
-61.4435)

Have a look what the booklet for
YUV(150.0610, 37.4379, -61.4435)
contains.

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Color

**YUV(150.0610, 37.4379,
-61.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	50ABE2
RGB	80, 171, 226
RGB Percent	31%, 67%, 89%
CMY	0.6863, 0.3294, 0.1137
CMYK	0.65, 0.24, 0.00, 0.11
HSL	203°, 72%, 60%
HSV	203°, 65%, 89%
XYZ	31.5986, 36.3223, 77.2970
YIQ	150.0610, -71.8910, -2.1870

Conversions

Conversions Part 2

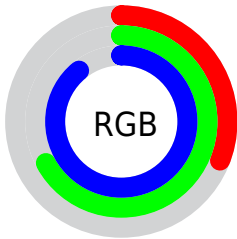
Format	Color
R _Y B	80, 136, 226
Decimal	5286882
CIE Lab	66.77, -10.37, -35.72
CIE LCh	67, 37.191, 253.806
Yxy	36.3223, 0.2176, 0.2501
Android (android.graphics.Color)	4283476962 (0xFF50ABE2)
YUV	150.0610, 37.4379, -61.4435
Hunter-Lab	60.2680, -11.8810, -33.8551

Details

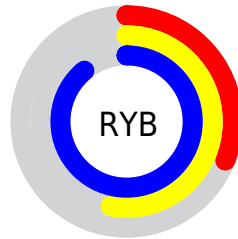
The YUV color **150.0610, 37.4379, -61.4435** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **155.9390, -37.4379, 61.4435**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1900, 25.0493, -54.5406**, and **89.2330, 39.8181, -78.2573** is the 20% darker color. If you saturate the color by 10%, you get **137.9010, 43.4328, -70.9502**, and if you desaturate by 10%, it is **162.2210, 31.4430, -51.9368**.

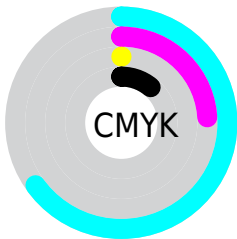
Distribution



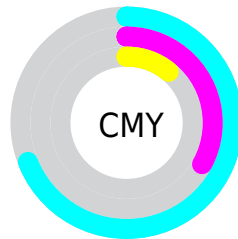
- Red (31%)
- Green (67%)
- Blue (89%)



- Red (31%)
- Yellow (53%)
- Blue (89%)



- Cyan (65%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0610, 37.4379, -61.4435 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 150.0610, 37.4379, -61.4435 by changing the saturation by 10% instead.

■ 150.0610, 37.4379,
-61.4435

■ 150.0610, 37.4379,
-61.4435

■ 255.0000, 0.0000,
0.0000

■ 120.5440, 38.1858,
-68.0061

■ 204.1900, 25.0493,
-54.5406

■ 89.2330, 39.8181,
-78.2573

■ 230.1830, 12.2348,
-51.0265

■ 71.5940, 35.6962,
-62.7879

■ 239.1530, 7.8126,
-32.5832

■ 55.1290, 30.9954,
-48.3481

■ 248.1230, 3.3904,
-14.1399

■ 39.3650, 26.4421,
-34.5231

■ 24.8890, 21.7467,
-21.8277

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 150.0610, 37.4379,
-61.4435

■ 150.0610, 37.4379,
-61.4435

■ 137.9010, 43.4328,
-70.9502

■ 162.2210, 31.4430,
-51.9368

■ 126.6270, 48.9909,
-80.3569

■ 173.4950, 25.8850,
-42.5301

■ 114.4670, 54.9858,
-89.8636

■ 185.6550, 19.8901,
-33.0234

■ 108.5310, 57.9122,
-95.1817

■ 196.9290, 14.3320,
-23.6167

■ 209.0890, 8.3371,
-14.1101

■ 220.6620, 2.6316,
-4.0886

■ 232.5230, -3.2158,
4.8033

■ 242.3020, -8.0369,
11.1361

■ 247.5850,
-10.6414, 6.5030

Harmonies

Analogous

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



130.2910, 38.3105, -108.1262



150.0610, 37.4379, -61.4435



161.3590, 32.3610, -19.6088

Triad

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



150.0610, 37.4379, -61.4435



164.8760, -8.3199, 55.3597



154.4880, -20.4536, -19.7220

Complementary

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



150.0610, 37.4379, -61.4435



155.9390, -37.4379, 61.4435

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.



158.3300, -30.7287, 9.3576



150.0610, 37.4379, -61.4435



163.4720, -22.4177, 50.4521

Square

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



150.0610, 37.4379, -61.4435



166.9250, 7.4320, 43.0388



161.3700, -31.2414, 33.8785



147.9860, -2.4581, -51.7307

Rectangle

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



150.0610, 37.4379, -61.4435



165.5040, 25.8805, 5.6970



161.3700, -31.2414, 33.8785



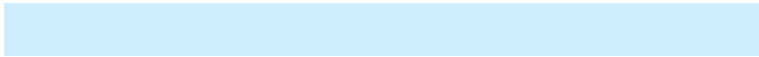
155.8160, -24.5593, -9.4856

Sweetspot

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



150.0610, 37.4379, -61.4435



230.0820, 12.2846, -20.2429



171.8580, -18.6640, -80.5595



111.9860, 7.8949, -12.2657



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.



150.0610, 37.4379, -61.4435



151.4740, 51.0383, -83.7307



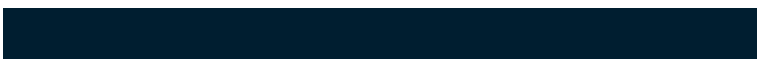
107.7970, 58.2741, -24.3780



106.3630, 2.7790, -4.7034



84.6340, 45.0434, -74.2240



23.0820, 12.2846, -20.2429

Inverse Universe

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



134.0280, 18.2272, 80.6594



129.6370, 24.8290, 109.9434



198.2030, -58.2741, 24.3780



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 150.0610, 37.4379, -61.4435 looks on a white background.

Color Contrast Check

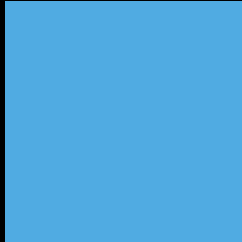
Large Text (above 18pt) WCAG AA × Fail

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 150.0610, 37.4379, -61.4435 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

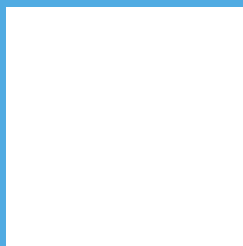
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.0610, 37.4379, -61.4435

Background



This preview shows how black text looks on a background with the YUV color 150.0610, 37.4379, -61.4435.

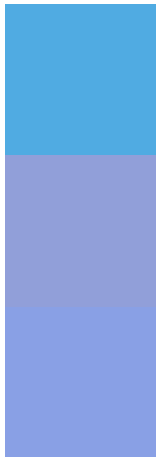


This preview shows how white text looks on a background with the YUV color 150.0610, 37.4379, -61.4435.

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

150.0610, 37.4379, -61.4435

Protanopia

161.4260, 27.3980, -14.4056

Deuteranopia

160.9890, 33.5294, -21.0384



Tritanopia

144.3250, 23.5038, -72.1990

Trichromacy



Original Color

150.0610, 37.4379, -61.4435

Protanomaly

156.9400, 31.0886, -31.5194

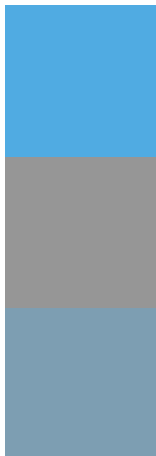
Deuteranomaly

156.9440, 35.0306, -35.9079

Tritanomaly

146.6120, 28.2923, -68.0657

Monochromacy



Original Color

150.0610, 37.4379, -61.4435

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.4130, 13.6004, -22.2872

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0610, 37.4379, -61.4435 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(80, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(80, 171, 226)  
}
```

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(80, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 171, 226) }
```

Border

The CSS property to change the border of an element to YUV 150.0610, 37.4379, -61.4435 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(80, 171, 226) }
```


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

```
.border{ border-color:rgb(80, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(80, 171,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 150.0610, 37.4379, -61.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 171, 226) }
```

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

```
.background{ background-color: rgb(80, 171,  
226) }
```

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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