

Converting Colors

YUV(162.6200, 39.6273,
-63.6877)

Have a look what the booklet for
YUV(162.6200, 39.6273, -63.6877)
contains.

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Color

**YUV(162.6200, 39.6273,
-63.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB8F3
RGB	90, 184, 243
RGB Percent	35%, 72%, 95%
CMY	0.6471, 0.2784, 0.0471
CMYK	0.63, 0.24, 0.00, 0.05
HSL	203°, 86%, 65%
HSV	203°, 63%, 95%
XYZ	37.5346, 42.9257, 91.1012
YIQ	162.6200, -74.9630, -1.5790

Conversions

Conversions Part 2

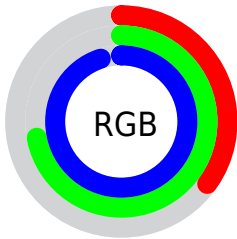
Format	Color
R_{YB}	90, 148, 243
Decimal	5945587
CIE _{Lab}	71.50, -10.34, -37.59
CIE _{LCh}	72, 38.986, 254.617
Yxy	42.9257, 0.2188, 0.2502
Android (android.graphics.Color)	4284135667 (0xFF5AB8F3)
YUV	162.6200, 39.6273, -63.6877
Hunter-Lab	65.5177, -12.3947, -36.5793

Details

The YUV color **162.6200, 39.6273, -63.6877** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **170.3800, -39.6273, 63.6877**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3980, 19.5238, -55.6000**, and **98.2150, 43.7710, -86.1346** is the 20% darker color. If you saturate the color by 10%, you get **150.1610, 45.7696, -73.8092**, and if you desaturate by 10%, it is **175.0790, 33.4851, -53.5663**.

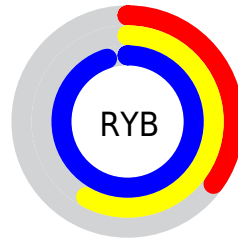
Distribution



Red (35%)

Green (72%)

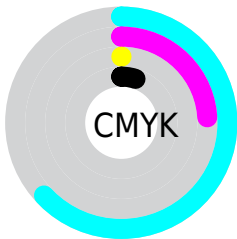
Blue (95%)



Red (35%)

Yellow (58%)

Blue (95%)

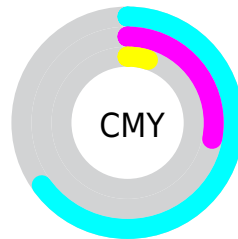


Cyan (63%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6200, 39.6273, -63.6877 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 162.6200, 39.6273, -63.6877 by changing the saturation by 10% instead.

■ 162.6200, 39.6273,
-63.6877

■ 162.6200, 39.6273,
-63.6877

■ 255.0000, 0.0000,
0.0000

■ 132.7010, 40.0804,
-69.0208

■ 215.3980, 19.5238,
-55.6000

■ 98.2150, 43.7710,
-86.1346

■ 233.4720, 10.6133,
-44.2639

■ 80.3480, 38.7754,
-70.4652

■ 242.4420, 6.1911,
-25.8206

■ 63.2960, 34.3641,
-55.5106

■ 251.4120, 1.7689,
-7.3773

■ 46.8310, 29.6633,
-41.0708

■ 31.7680, 25.2574,
-27.8605

■ 15.5310, 21.4302,

-13.6207

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 162.6200, 39.6273,
-63.6877

■ 162.6200, 39.6273,
-63.6877

■ 150.1610, 45.7696,
-73.8092

■ 175.0790, 33.4851,
-53.5663

■ 136.8160, 52.3487,
-84.0306

■ 188.4240, 26.9060,
-43.3448

■ 124.3570, 58.4910,
-94.1521

■ 200.8830, 20.7637,
-33.2234

■ 115.1650, 63.0227,
-100.9997

■ 213.3420, 14.6214,
-23.1019

■ 226.3880, 8.1897,
-13.4953

■ 239.1460, 1.9000,
-2.7590

■ 250.6970, -3.7946,
3.7737

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



143.6330, 39.6209, -108.4261



162.6200, 39.6273, -63.6877



174.8150, 34.1082, -20.0088

Triad

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



162.6200, 39.6273, -63.6877



178.2570, -9.4937, 58.5336



166.5370, -21.4637, -22.3959

Complementary

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



162.6200, 39.6273, -63.6877



170.3800, -39.6273, 63.6877

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.



171.1620, -32.6179, 8.6279



162.6200, 39.6273, -63.6877



176.3260, -24.3177, 53.2111

Square

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



162.6200, 39.6273, -63.6877



179.9470, 7.4211, 46.5275



174.2130, -33.1360, 34.8932



159.6650, -2.2998, -55.8342

Rectangle

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



162.6200, 39.6273, -63.6877



178.5580, 27.3329, 6.5266



174.2130, -33.1360, 34.8932



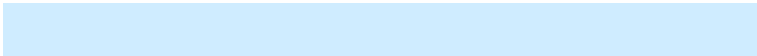
168.0500, -26.1537, -11.4449

Sweetspot

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



162.6200, 39.6273, -63.6877



229.4950, 12.5740, -19.7281



186.5370, -18.5057, -84.6629



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.



162.6200, 39.6273, -63.6877



152.9690, 50.3013, -80.6568



118.0080, 61.6211, -24.5630



116.0640, 2.9264, -5.3181



88.1220, 48.2539, -77.2830



27.8580, 15.3530, -24.4315

Inverse Universe

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



146.4630, 18.5057, 84.6629



132.5720, 23.3820, 107.3694



214.9920, -61.6211, 24.5630



114.5000, 1.7255, 6.5775



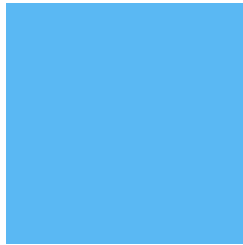
68.6100, 22.3773, 102.9510



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 162.6200, 39.6273, -63.6877 looks on a white background.

Color Contrast Check

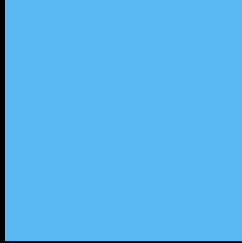
Large Text (above 18pt) WCAG AA × Fail

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 162.6200, 39.6273, -63.6877 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

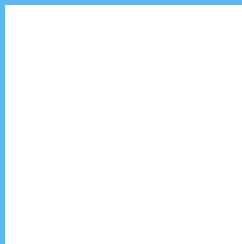
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.6200, 39.6273, -63.6877

Background



This preview shows how black text looks on a background with the YUV color 162.6200, 39.6273, -63.6877.



This preview shows how white text looks on a background with the YUV color 162.6200, 39.6273, -63.6877.

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

162.6200, 39.6273, -63.6877

Protanopia

174.5830, 29.2926, -15.4203

Deuteranopia

173.2600, 35.8608, -22.1530



Tritanopia

157.1290, 24.0934, -74.6581

Trichromacy



Original Color

162.6200, 39.6273, -63.6877

Protanomaly

170.0970, 32.9832, -32.5341

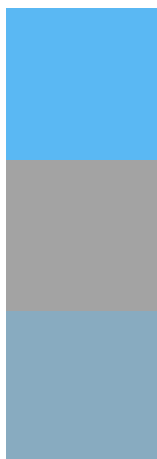
Deuteranomaly

169.2150, 37.3620, -37.0226

Tritanomaly

158.9430, 29.6081, -70.1100

Monochromacy



Original Color

162.6200, 39.6273, -63.6877

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9290, 14.3320, -23.6167

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6200, 39.6273, -63.6877 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(90, 184, 243)` looks like.

```
.text, #text, p{  
    color:rgb(90, 184, 243)  
}
```

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(90, 184, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 184, 243) }
```

Border

The CSS property to change the border of an element to YUV 162.6200, 39.6273, -63.6877 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(90, 184, 243) }
```


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

```
.border{ border-color:rgb(90, 184, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 184, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 184, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 184, 243);  
box-shadow:4px 4px 4px 4px rgb(90, 184,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 162.6200, 39.6273, -63.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 184, 243) }
```

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

```
.background{ background-color: rgb(90, 184,  
243) }
```

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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