

Converting Colors

YUV(160.6990, 29.7284,
-62.0030)

Have a look what the booklet for
YUV(160.6990, 29.7284, -62.0030)
contains.

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Color

**YUV(160.6990, 29.7284,
-62.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB9DD
RGB	90, 185, 221
RGB Percent	35%, 73%, 87%
CMY	0.6471, 0.2745, 0.1333
CMYK	0.59, 0.16, 0.00, 0.13
HSL	196°, 66%, 61%
HSV	196°, 59%, 87%
XYZ	34.6166, 42.0920, 74.7067
YIQ	160.6990, -68.1760, -8.9440

Conversions

Conversions Part 2

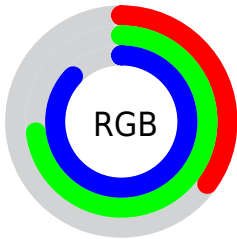
Format	Color
RYB	90, 145, 221
Decimal	5945821
CIELab	70.93, -17.65, -26.51
CIELCh	71, 31.849, 236.350
Yxy	42.0920, 0.2286, 0.2780
Android (android.graphics.Color)	4284135901 (0xFF5AB9DD)
YUV	160.6990, 29.7284, -62.0030
Hunter-Lab	64.8784, -18.2966, -22.8569

Details

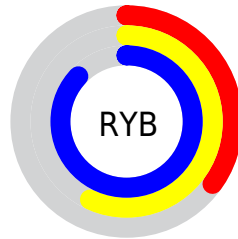
The YUV color **160.6990, 29.7284, -62.0030** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **150.3010, -29.7284, 62.0030**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3870, 19.5292, -57.3444**, and **96.7070, 34.1614, -83.9350** is the 20% darker color. If you saturate the color by 10%, you get **150.5990, 34.7077, -72.4393**, and if you desaturate by 10%, it is **170.7990, 24.7491, -51.5667**.

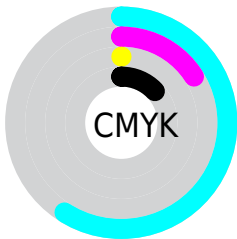
Distribution



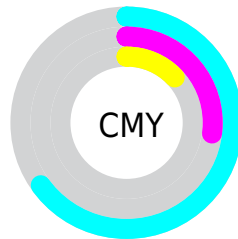
- Red (35%)
- Green (73%)
- Blue (87%)



- Red (35%)
- Yellow (57%)
- Blue (87%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6990, 29.7284, -62.0030 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 160.6990, 29.7284, -62.0030 by changing the saturation by 10% instead.

■ 160.6990, 29.7284,
-62.0030

■ 160.6990, 29.7284,
-62.0030

■ 255.0000, 0.0000,
0.0000

■ 131.7910, 30.1760,
-65.5917

■ 215.3870, 19.5292,
-57.3444

■ 96.7070, 34.1614,
-83.9350

■ 232.5750, 11.0555,
-46.1083

■ 78.6550, 29.7501,
-68.9804

■ 241.5450, 6.6333,
-27.6650

■ 61.1300, 26.0649,
-53.6110

■ 250.5150, 2.2111,
-9.2217

■ 44.7790, 21.8010,
-39.2712

■ 29.2430, 18.1212,
-25.6461

■ 10.7720, 15.8884,

-9.4470

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 160.6990, 29.7284,
-62.0030

■ 160.6990, 29.7284,
-62.0030

■ 150.5990, 34.7077,
-72.4393

■ 170.7990, 24.7491,
-51.5667

■ 140.4990, 39.6870,
-82.8756

■ 180.8990, 19.7698,
-41.1304

■ 130.3990, 44.6663,
-93.3119

■ 190.9990, 14.7905,
-30.6941

■ 120.2990, 49.6456,
-103.7482

■ 201.0990, 9.8112,
-20.2578

■ 119.1140, 50.2298,
-104.4630

■ 211.4980, 4.6845,
-9.2067

■ 221.5980, -0.2948,
1.2296

■ 232.2850, -5.5635,
11.1511

■ 238.7970, -8.7739,
14.2100

■ 242.3190,
-10.5103, 11.1212

Harmonies

Analogous

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



156.8370, 20.2934, -69.1400



160.6990, 29.7284, -62.0030



169.1030, 30.5152, -34.2933

Triad

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



160.6990, 29.7284, -62.0030



177.3890, 0.3012, 43.5088



169.3870, -23.8548, -2.0934

Complementary

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



160.6990, 29.7284, -62.0030



150.3010, -29.7284, 62.0030

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.



172.5040, -27.8565, 21.4830



160.6990, 29.7284, -62.0030



175.8660, -13.2449, 48.3525

Square

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



160.6990, 29.7284, -62.0030



178.1230, 13.7434, 25.3251



174.6510, -23.9849, 39.7711



165.0230, -11.8433, -28.0842

Rectangle

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



160.6990, 29.7284, -62.0030



174.0240, 27.1032, -13.1760



174.6510, -23.9849, 39.7711



170.4590, -26.3553, 6.6135

Sweetspot

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



160.6990, 29.7284, -62.0030



233.6150, 10.5428, -21.5874



170.8870, -22.6223, -70.9379



114.6330, 6.5899, -13.7101



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.



160.6990, 29.7284, -62.0030



171.5310, 41.1502, -85.5347



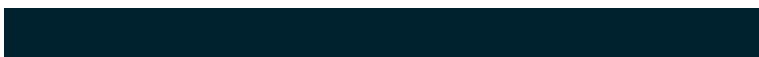
123.1310, 48.2494, -29.0559



104.9500, 2.4896, -5.2182



93.6840, 39.1028, -82.1609



24.6150, 10.5428, -21.5874

Inverse Universe

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



139.9990, 22.1855, 71.0379



143.0530, 30.5399, 98.1775



187.8690, -48.2494, 29.0559



103.2010, 1.8729, 5.9627



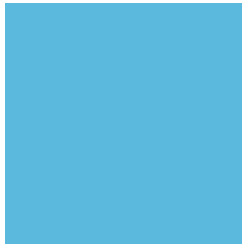
66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 160.6990, 29.7284, -62.0030 looks on a white background.

Color Contrast Check

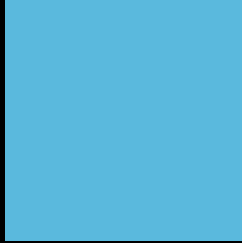
Large Text (above 18pt) WCAG AA × Fail

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 160.6990, 29.7284, -62.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

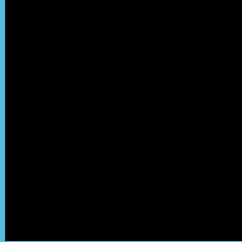
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.6990, 29.7284, -62.0030

Background



This preview shows how black text looks on a background with the YUV color 160.6990, 29.7284, -62.0030.

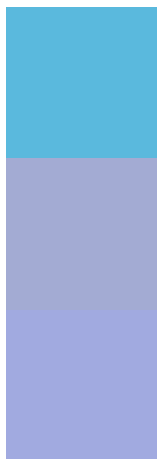


This preview shows how white text looks on a background with the YUV color 160.6990, 29.7284, -62.0030.

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

160.6990, 29.7284, -62.0030

Protanopia

173.1680, 18.6512, -8.9173

Deuteranopia

173.4650, 24.9138, -10.9318



Tritanopia

158.0160, 22.1771, -66.6660

Trichromacy



Original Color

160.6990, 29.7284, -62.0030

Protanomaly

168.4860, 22.9314, -28.4902

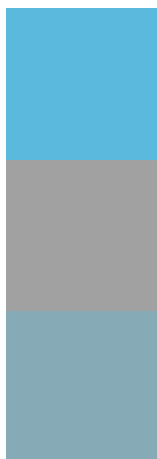
Deuteranomaly

168.5120, 26.8626, -29.3900

Tritanomaly

159.1240, 25.0819, -65.0067

Monochromacy



Original Color

160.6990, 29.7284, -62.0030

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0170, 10.8376, -22.8169

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6990, 29.7284, -62.0030 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, 185, 221)` looks like.

```
.text, #text, p{  
    color:rgb(90, 185, 221)  
}
```

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, 185, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 185, 221) }
```

Border

The CSS property to change the border of an element to YUV 160.6990, 29.7284, -62.0030 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, 185, 221) }
```


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

```
.border{ border-color:rgb(90, 185, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 185, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 185, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 185, 221);  
box-shadow:4px 4px 4px 4px rgb(90, 185,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 160.6990, 29.7284, -62.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 185, 221) }
```

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

```
.background{ background-color: rgb(90, 185,  
221) }
```

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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