

Converting Colors

YUV(162.6280, 30.7494,
-62.8178)

Have a look what the booklet for
YUV(162.6280, 30.7494, -62.8178)
contains.

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Color

**YUV(162.6280, 30.7494,
-62.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	5BBBE1
RGB	91, 187, 225
RGB Percent	36%, 73%, 88%
CMY	0.6431, 0.2667, 0.1176
CMYK	0.60, 0.17, 0.00, 0.12
HSL	197°, 69%, 62%
HSV	197°, 60%, 88%
XYZ	35.6753, 43.2010, 77.6925
YIQ	162.6280, -69.4140, -8.5340

Conversions

Conversions Part 2

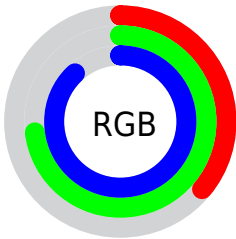
Format	Color
R _Y B	91, 147, 225
Decimal	6011873
CIE Lab	71.69, -17.31, -27.53
CIE LCh	72, 32.515, 237.841
Yxy	43.2010, 0.2279, 0.2759
Android (android.graphics.Color)	4284201953 (0xFF5BBBE1)
YUV	162.6280, 30.7494, -62.8178
Hunter-Lab	65.7275, -18.1376, -24.0739

Details

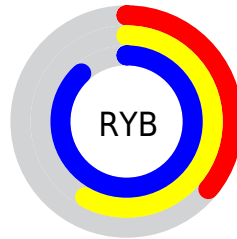
The YUV color **162.6280, 30.7494, -62.8178** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **153.3720, -30.7494, 62.8178**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8600, 18.8030, -57.7592**, and **98.3370, 35.3299, -85.3645** is the 20% darker color. If you saturate the color by 10%, you get **152.5280, 35.7287, -73.2541**, and if you desaturate by 10%, it is **173.0270, 25.6227, -51.7667**.

Distribution



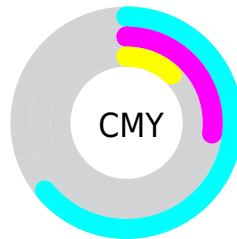
- Red (36%)
- Green (73%)
- Blue (88%)



- Red (36%)
- Yellow (58%)
- Blue (88%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (64%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6280, 30.7494, -62.8178 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 162.6280, 30.7494, -62.8178 by changing the saturation by 10% instead.

■ 162.6280, 30.7494,
-62.8178

■ 162.6280, 30.7494,
-62.8178

■ 255.0000, 0.0000,
0.0000

■ 133.7200, 31.1970,
-66.4064

■ 216.8600, 18.8030,
-57.7592

■ 98.3370, 35.3299,
-85.3645

■ 232.8740, 10.9081,
-45.4935

■ 79.6980, 31.2079,
-69.8951

■ 241.8440, 6.4859,
-27.0502

■ 62.6460, 26.7965,
-54.9405

■ 250.8140, 2.0637,
-8.6069

■ 46.2950, 22.5326,
-40.6007

■ 30.7590, 18.8528,
-26.9756

■ 14.0490, 15.7518,

-12.3210

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 162.6280, 30.7494,
-62.8178

■ 162.6280, 30.7494,
-62.8178

■ 152.5280, 35.7287,
-73.2541

■ 173.0270, 25.6227,
-51.7667

■ 141.5420, 41.1448,
-83.7903

■ 183.7140, 20.3540,
-41.8452

■ 131.4420, 46.1241,
-94.2266

■ 194.1130, 15.2273,
-30.7941

■ 120.4560, 51.5402,
-104.7629

■ 204.8000, 9.9586,
-20.8726

■ 120.1570, 51.6876,
-105.3777

■ 215.1990, 4.8319,
-9.8215

■ 225.2990, -0.1474,
0.6148

■ 236.2850, -5.5635,
11.1511

■ 241.6010, -8.1843,
11.7509

■ 245.1230, -9.9206,
8.6621

Harmonies

Analogous

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



157.8690, 21.7566, -71.7991



162.6280, 30.7494, -62.8178



171.5160, 30.8046, -33.7785

Triad

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



162.6280, 30.7494, -62.8178



179.8730, -0.4304, 44.8384



170.6750, -23.9968, -3.2230

Complementary

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



162.6280, 30.7494, -62.8178



153.3720, -30.7494, 62.8178

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.



173.9770, -28.5827, 21.0682



162.6280, 30.7494, -62.8178



177.9370, -14.2659, 49.1673

Square

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



162.6280, 30.7494, -62.8178



180.1340, 13.7379, 27.0695



176.4230, -24.8585, 39.9710



167.0120, -11.8379, -29.8285

Rectangle

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



162.6280, 30.7494, -62.8178



176.1490, 27.5345, -11.5317



176.4230, -24.8585, 39.9710



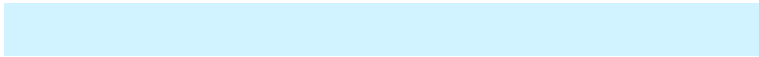
171.8610, -26.0605, 5.3839

Sweetspot

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



162.6280, 30.7494, -62.8178



233.6150, 10.5428, -21.5874



173.9900, -22.1801, -72.7822



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.



162.6280, 30.7494, -62.8178



170.9440, 41.4396, -85.0199



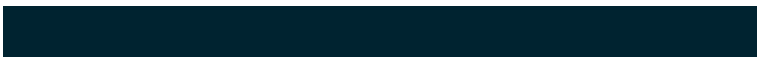
123.2990, 50.1386, -28.3262



106.9500, 2.4897, -5.2181



94.0260, 40.4132, -82.4608



26.0170, 10.8376, -22.8169

Inverse Universe

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



142.0100, 22.1801, 72.7822



142.9390, 30.1031, 98.2775



192.7010, -50.1386, 28.3262



105.2010, 1.8729, 5.9627



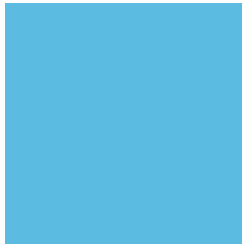
66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 162.6280, 30.7494, -62.8178 looks on a white background.

Color Contrast Check

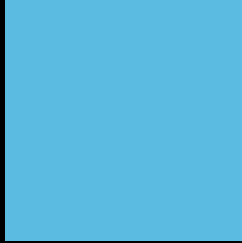
Large Text (above 18pt) WCAG AA × Fail

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 162.6280, 30.7494, -62.8178 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 162.6280, 30.7494, -62.8178 Background



This preview shows how black text looks on a background with the YUV color 162.6280, 30.7494, -62.8178.

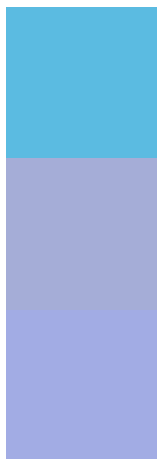


This preview shows how white text looks on a background with the YUV color 162.6280, 30.7494, -62.8178.

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

162.6280, 30.7494, -62.8178

Protanopia

175.3960, 19.5248, -9.1173

Deuteranopia

175.3940, 25.9348, -11.7465



Tritanopia

159.8310, 22.7613, -67.3808

Trichromacy



Original Color

162.6280, 30.7494, -62.8178

Protanomaly

170.7140, 23.8050, -28.6902

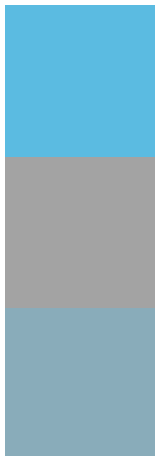
Deuteranomaly

170.4410, 27.8836, -30.2048

Tritanomaly

160.9390, 25.6661, -65.7215

Monochromacy



Original Color

162.6280, 30.7494, -62.8178

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1310, 11.2744, -22.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6280, 30.7494, -62.8178 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(91, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(91, 187, 225)  
}
```

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(91, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 187, 225) }
```

Border

The CSS property to change the border of an element to YUV 162.6280, 30.7494, -62.8178 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(91, 187, 225) }
```


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

```
.border{ border-color:rgb(91, 187, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(91, 187,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 162.6280, 30.7494, -62.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 187, 225) }
```

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

```
.background{ background-color: rgb(91, 187,  
225) }
```

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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