

Converting Colors

YUV(162.2900, 23.5210,
-30.9493)

Have a look what the booklet for
YUV(162.2900, 23.5210, -30.9493)
contains.

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Color

**YUV(162.2900, 23.5210,
-30.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	7FABD2
RGB	127, 171, 210
RGB Percent	50%, 67%, 82%
CMY	0.5020, 0.3294, 0.1765
CMYK	0.40, 0.19, 0.00, 0.18
HSL	208°, 48%, 66%
HSV	208°, 40%, 82%
XYZ	34.9482, 38.2910, 66.5217
YIQ	162.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

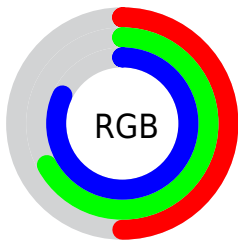
Format	Color
RYB	127, 156, 210
Decimal	8367058
CIELab	68.23, -4.87, -24.47
CIELCh	68, 24.955, 258.736
Yxy	38.2910, 0.2501, 0.2740
Android (android.graphics.Color)	4286557138 (0xFF7FABD2)
YUV	162.2900, 23.5210, -30.9493
Hunter-Lab	61.8797, -7.4770, -20.4219

Details

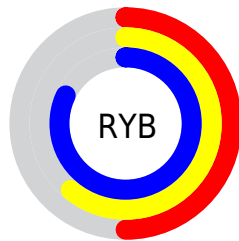
The YUV color $162.2900, 23.5210, -30.9493$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $174.7100, -23.5210, 30.9493$, and the grayscale version is $162.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.1500, 19.1530, -29.9496$, and $109.3500, 22.5055, -31.8789$ is the 20% darker color. If you saturate the color by 10%, you get $150.1410, 29.5105, -38.7117$, and if you desaturate by 10%, it is $174.4390, 17.5316, -23.1870$.

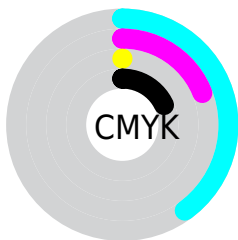
Distribution



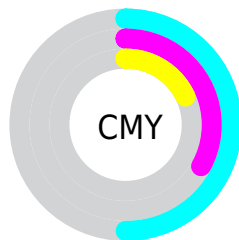
- Red (50%)
- Green (67%)
- Blue (82%)



- Red (50%)
- Yellow (61%)
- Blue (82%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2900, 23.5210, -30.9493 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 162.2900, 23.5210, -30.9493 by changing the saturation by 10% instead.

■ 162.2900, 23.5210,
-30.9493

■ 162.2900, 23.5210,
-30.9493

255.0000, 0.0000,
0.0000

■ 135.7630, 22.7948,
-31.3642

■ 216.1500, 19.1530,
-29.9496

■ 109.3500, 22.5055,
-31.8789

■ 241.8440, 6.4859,
-27.0502

■ 83.6380, 22.3635,
-33.0085

■ 250.5150, 2.2111,
-9.2217

■ 56.8220, 23.2588,
-40.1859

■ 37.2960, 21.0531,
-32.7086

■ 22.9340, 16.7945,
-20.1131

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 162.2900, 23.5210,
-30.9493

■ 162.2900, 23.5210,
-30.9493

■ 150.1410, 29.5105,
-38.7117

■ 174.4390, 17.5316,
-23.1870

■ 137.9920, 35.4999,
-46.4740

■ 186.5880, 11.5421,
-15.4247

■ 125.8430, 41.4894,
-54.2363

■ 198.7370, 5.5527,
-7.6623

■ 114.2810, 47.1895,
-62.5134

■ 210.2990, -0.1474,
0.6148

■ 102.1320, 53.1789,
-70.2758

■ 222.4480, -6.1369,
8.3771

■ 89.9830, 59.1684,
-78.0381

■ 234.5970,
-12.1263, 16.1394

■ 89.0970, 59.6052,
-78.1381

■ 241.0650,
-15.3150, 12.2210

■ 246.9350,
-18.2090, 7.0730

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



157.0940, 20.6597, -46.5634



162.2900, 23.5210, -30.9493



167.3360, 20.5404, -8.1877

Triad

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



162.2900, 23.5210, -30.9493



168.8800, -7.8288, 37.8162



160.6870, -12.1707, -16.3885

Complementary

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



162.2900, 23.5210, -30.9493



174.7100, -23.5210, 30.9493

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.



163.4570, -19.9453, 3.9842



162.2900, 23.5210, -30.9493



168.0400, -17.2747, 34.1679

Square

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



162.2900, 23.5210, -30.9493



170.2950, 2.8126, 31.3133



166.1110, -21.7467, 21.8277



157.6660, -0.3283, -34.7871

Rectangle

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



162.2900, 23.5210, -30.9493



168.9960, 16.2710, 7.8965



166.1110, -21.7467, 21.8277



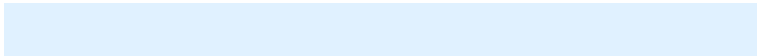
161.6340, -15.1026, -9.3260

Sweetspot

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



162.2900, 23.5210, -30.9493



237.5130, 8.6211, -11.8509



180.1670, -6.9843, -46.6275



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



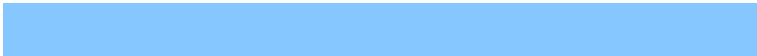
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162.2900, 23.5210, -30.9493



186.2480, 33.8947, -44.9445



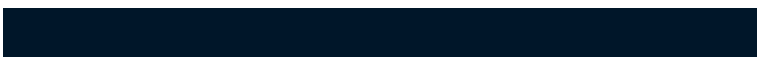
138.2230, 35.3861, -9.8426



98.7760, 3.0684, -4.1886



71.3950, 47.6263, -62.6134



17.5880, 11.5421, -15.4247

Inverse Universe

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



156.8330, 6.9843, 46.6275



178.1760, 10.2662, 67.3746



198.7770, -35.3861, 9.8426



97.9730, 0.9993, 6.1627



60.3780, 14.1106, 94.3845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 162.2900, 23.5210, -30.9493 looks on a white background.

Color Contrast Check

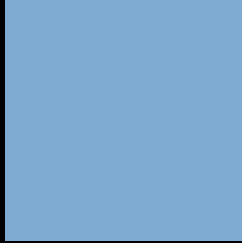
Large Text (above 18pt) WCAG AA × Fail

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 162.2900, 23.5210, -30.9493 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 162.2900, 23.5210, -30.9493

Background



This preview shows how black text looks on a background with the YUV color 162.2900, 23.5210, -30.9493.

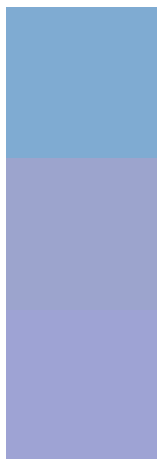


This preview shows how white text looks on a background with the YUV color 162.2900, 23.5210, -30.9493.

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

162.2900, 23.5210, -30.9493

Protanopia

166.2820, 19.0880, -9.0173

Deuteranopia

167.0910, 22.1401, -7.9728



Tritanopia

160.4500, 14.0752, -34.5976

Trichromacy



Original Color

162.2900, 23.5210, -30.9493

Protanomaly

164.9820, 20.7149, -17.5242

Deuteranomaly

165.4490, 22.4566, -16.1798

Tritanomaly

161.3730, 17.5641, -33.6531

Monochromacy



Original Color

162.2900, 23.5210, -30.9493

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2900, 23.5210, -30.9493 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(127, 171, 210)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 210)  
}
```

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(127, 171, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 210) }
```

Border

The CSS property to change the border of an element to YUV 162.2900, 23.5210, -30.9493 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(127, 171, 210) }
```


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

```
.border{ border-color:rgb(127, 171, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 210);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 162.2900, 23.5210, -30.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 210) }
```

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

```
.background{ background-color: rgb(127,  
171, 210) }
```

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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