

Converting Colors

YUV(163.2930, 32.3936,
-30.0750)

Have a look what the booklet for
YUV(163.2930, 32.3936, -30.0750)
contains.

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Color

**YUV(163.2930, 32.3936,
-30.0750)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 81A8E5 |
| RGB | 129, 168, 229 |
| RGB Percent | 51%, 66%, 90% |
| CMY | 0.4941, 0.3412, 0.1020 |
| CMYK | 0.44, 0.27, 0.00, 0.10 |
| HSL | 217°, 66%, 70% |
| HSV | 217°, 44%, 90% |
| XYZ | 37.1987, 38.3295, 79.5665 |
| YIQ | 163.2930, -42.8250, 10.7030 |

Conversions

Conversions Part 2

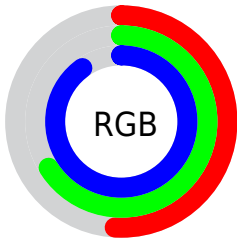
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 129, 157, 229 |
| Decimal | 8497381 |
| CIE Lab | 68.26, 2.53, -34.86 |
| CIE LCh | 68, 34.955, 274.156 |
| Yxy | 38.3295, 0.2398, 0.2471 |
| Android (android.graphics.Color) | 4286687461 (0xFF81A8E5) |
| YUV | 163.2930, 32.3936, -30.0750 |
| Hunter-Lab | 61.9108, -1.0934, -32.8606 |

Details

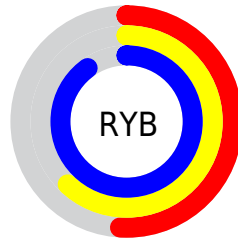
The YUV color **163.2930, 32.3936, -30.0750** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **194.7070, -32.3936, 30.0750**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2860, 19.5790, -26.5608**, and **109.6410, 31.2360, -32.1342** is the 20% darker color. If you saturate the color by 10%, you get **148.1980, 39.8354, -37.0076**, and if you desaturate by 10%, it is **178.3880, 24.9517, -23.1423**.

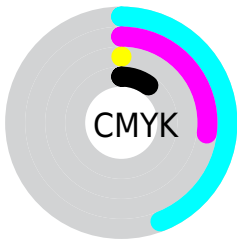
Distribution



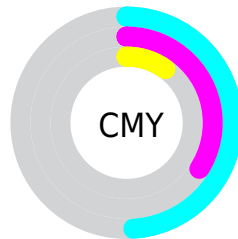
- Red (51%)
- Green (66%)
- Blue (90%)



- Red (51%)
- Yellow (62%)
- Blue (90%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2930, 32.3936, -30.0750 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 163.2930, 32.3936, -30.0750 by changing the saturation by 10% instead.

■ 163.2930, 32.3936,
-30.0750

■ 163.2930, 32.3936,
-30.0750

255.0000, 0.0000,
0.0000

■ 136.4670, 31.8148,
-31.1046

■ 215.2860, 19.5790,
-26.5608

■ 109.6410, 31.2360,
-32.1342

■ 240.9800, 6.9119,
-23.6615

■ 83.5050, 30.8100,
-35.5229

■ 251.7110, 1.6215,
-6.7625

■ 54.1830, 32.4478,
-47.5185

■ 38.4190, 27.8944,
-33.6935

■ 23.9430, 23.1991,
-20.9980

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 163.2930, 32.3936,
-30.0750

■ 163.2930, 32.3936,
-30.0750

■ 148.1980, 39.8354,
-37.0076

■ 178.3880, 24.9517,
-23.1423

■ 133.1030, 47.2772,
-43.9403

■ 193.4830, 17.5099,
-16.2096

■ 118.0080, 54.7191,
-50.8730

■ 208.5780, 10.0680,
-9.2769

■ 102.9130, 62.1609,
-57.8057

■ 223.6730, 2.6262,
-2.3442

■ 87.8180, 69.6027,
-64.7384

■ 238.7680, -4.8156,
4.5885

■ 78.3490, 74.2709,
-68.7121

■ 250.2750,
-10.4886, 4.1438

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



152.2300, 34.3966, -65.9767



163.2930, 32.3936, -30.0750



169.7490, 24.2807, 5.4821

Triad

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



163.2930, 32.3936, -30.0750



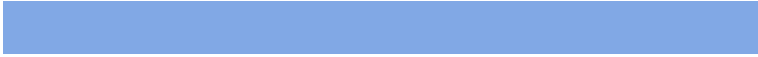
168.4380, -17.4709, 50.4819



155.4670, -8.6112, -38.1206

Complementary

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



163.2930, 32.3936, -30.0750



194.7070, -32.3936, 30.0750

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.



160.4570, -23.3963, -9.1708



163.2930, 32.3936, -30.0750



166.3150, -27.7633, 38.3117

Square

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



163.2930, 32.3936, -30.0750



169.8090, -3.3568, 50.1565



163.9010, -30.0242, 16.7498



148.6170, 10.5418, -68.0701

Rectangle

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



163.2930, 32.3936, -30.0750



170.5190, 16.5061, 25.8548



163.9010, -30.0242, 16.7498



157.0400, -14.3167, -28.0991

Sweetspot

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



163.2930, 32.3936, -30.0750



233.3930, 10.6523, -9.9917



194.5400, -2.7312, -57.4786



114.0900, 6.8576, -6.2179



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.



163.2930, 32.3936, -30.0750



167.6860, 43.0458, -40.0666



143.3900, 42.2057, -3.8500



107.3030, 3.7946, -3.7737



61.4960, 57.9295, -53.9320



17.5540, 16.4889, -15.3949

Inverse Universe

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



163.3460, 2.2944, 57.5786



167.6950, 3.1084, 76.5665



214.6100, -42.2057, 3.8500



107.1580, 0.4151, 6.8774



61.5010, 4.1900, 103.0466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 163.2930, 32.3936, -30.0750 looks on a white background.

Color Contrast Check

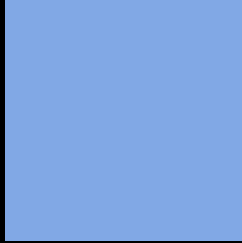
Large Text (above 18pt) WCAG AA × Fail

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 163.2930, 32.3936, -30.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

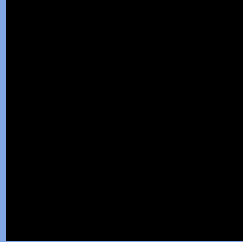
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

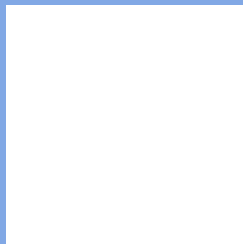
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.2930, 32.3936, -30.0750

Background



This preview shows how black text looks on a background with the YUV color 163.2930, 32.3936, -30.0750.



This preview shows how white text looks on a background with the YUV color 163.2930, 32.3936, -30.0750.

-30.0750.

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

163.2930, 32.3936, -30.0750

Protanopia

166.2840, 29.4400, -16.0351

Deuteranopia

165.8430, 31.6294, -18.2793



Tritanopia

159.5530, 14.5174, -36.4420

Trichromacy



Original Color

163.2930, 32.3936, -30.0750

Protanomaly

164.8920, 30.6192, -20.9533

Deuteranomaly

164.6360, 32.2245, -22.4828

Tritanomaly

160.6980, 21.3479, -33.9381

Monochromacy



Original Color

163.2930, 32.3936, -30.0750

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.3220, 11.6733, -10.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2930, 32.3936, -30.0750 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(129, 168, 229)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 229)  
}
```

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(129, 168, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 229) }
```

Border

The CSS property to change the border of an element to YUV 163.2930, 32.3936, -30.0750 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(129, 168, 229) }
```


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

```
.border{ border-color:rgb(129, 168, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 168, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 229);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 163.2930, 32.3936, -30.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 168, 229) }
```

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

```
.background{ background-color: rgb(129,  
168, 229) }
```

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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