

Converting Colors

YUV(130.9130, 32.0879,
-25.3567)

Have a look what the booklet for
YUV(130.9130, 32.0879, -25.3567)
contains.

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Color

**YUV(130.9130, 32.0879,
-25.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	6685C4
RGB	102, 133, 196
RGB Percent	40%, 52%, 77%
CMY	0.6000, 0.4784, 0.2314
CMYK	0.48, 0.32, 0.00, 0.23
HSL	220°, 44%, 58%
HSV	220°, 48%, 77%
XYZ	23.8308, 23.5854, 55.5210
YIQ	130.9130, -38.6990, 13.0210

Conversions

Conversions Part 2

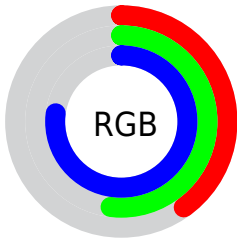
Format	Color
RYB	102, 125, 196
Decimal	6718916
CIELab	55.67, 6.36, -36.21
CIElCh	56, 36.768, 279.964
Yxy	23.5854, 0.2315, 0.2291
Android (android.graphics.Color)	4284908996 (0xFF6685C4)
YUV	130.9130, 32.0879, -25.3567
Hunter-Lab	48.5648, 2.6020, -33.7871

Details

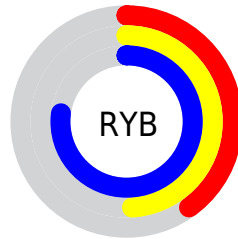
The YUV color **130.9130, 32.0879, -25.3567** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **167.0870, -32.0879, 25.3567**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9670, 33.5403, -24.5271**, and **79.2500, 30.9357, -29.1603** is the 20% darker color. If you saturate the color by 10%, you get **117.3020, 38.7981, -30.9599**, and if you desaturate by 10%, it is **144.5240, 25.3777, -19.7535**.

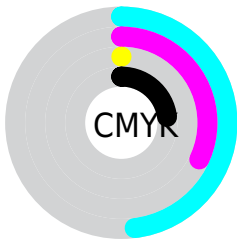
Distribution



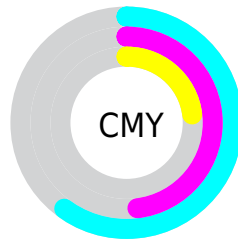
- Red (40%)
- Green (52%)
- Blue (77%)



- Red (40%)
- Yellow (49%)
- Blue (77%)



- Cyan (48%)
- Magenta (32%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9130, 32.0879, -25.3567 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 130.9130, 32.0879, -25.3567 by changing the saturation by 10% instead.

■ 130.9130, 32.0879,
-25.3567

■ 130.9130, 32.0879,
-25.3567

255.0000, 0.0000,
0.0000

■ 104.7880, 31.6565,
-27.0011

■ 184.9670, 33.5403,
-24.5271

■ 79.2500, 30.9357,
-29.1603

■ 210.3020, 22.0361,
-21.3129

■ 50.5260, 32.2787,
-39.9263

■ 235.1100, 9.8058,
-18.5135

■ 33.8540, 28.1730,
-29.6900

■ 251.7110, 1.6215,
-6.7625

■ 18.7910, 23.7670,
-16.4797

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 130.9130, 32.0879,
-25.3567

■ 130.9130, 32.0879,
-25.3567

■ 117.3020, 38.7981,
-30.9599

■ 144.5240, 25.3777,
-19.7535

■ 103.9900, 45.3609,
-35.9482

■ 157.8360, 18.8149,
-14.7652

■ 90.3790, 52.0712,
-41.5514

■ 171.4470, 12.1046,
-9.1620

■ 76.4800, 58.9234,
-46.0250

■ 185.3460, 5.2524,
-4.6884

■ 62.8690, 65.6336,
-51.6281

■ 198.9570, -1.4578,
0.9147

■ 60.4990, 66.8020,
-53.0576

■ 212.5680, -8.1680,
6.5179

■ 225.8800,
-14.7308, 11.5062

■ 238.2950,
-20.8514, 14.6503

■ 245.9260,
-24.6135, 7.9579

Harmonies

Analogous

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



113.7170, 39.0865, -76.9278



130.9130, 32.0879, -25.3567



136.6250, 22.3699, 11.7299

Triad

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



130.9130, 32.0879, -25.3567



133.8570, -19.6495, 49.2374



119.1500, -4.5109, -46.6125

Complementary

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



130.9130, 32.0879, -25.3567



167.0870, -32.0879, 25.3567

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.



125.6950, -21.0486, -15.5185



130.9130, 32.0879, -25.3567



132.2390, -29.2048, 33.9934

Square

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



130.9130, 32.0879, -25.3567



135.5380, -5.6882, 51.2712



129.8680, -30.0079, 11.5168



104.3520, 19.0535, -91.5167

Rectangle

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



130.9130, 32.0879, -25.3567



137.5690, 14.0165, 31.0730



129.8680, -30.0079, 11.5168



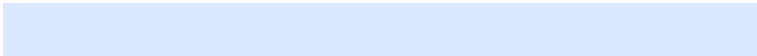
121.9080, -10.8006, -35.8763

Sweetspot

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



130.9130, 32.0879, -25.3567



230.1480, 12.2520, -9.7768



164.3600, 0.3155, -54.6897



112.6170, 7.5838, -5.8031



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.



130.9130, 32.0879, -25.3567



152.6350, 50.4659, -40.0219



117.5000, 38.7005, 0.4385



89.9010, 3.4998, -2.5442



49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Inverse Universe

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



133.6400, -0.3155, 54.6897



156.8380, -0.4131, 86.0881



180.5000, -38.7005, -0.4385



90.3320, -0.1637, 5.8478



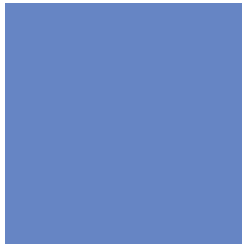
54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 130.9130, 32.0879, -25.3567 looks on a white background.

Color Contrast Check

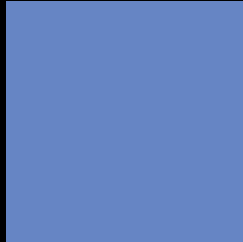
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9130, 32.0879, -25.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

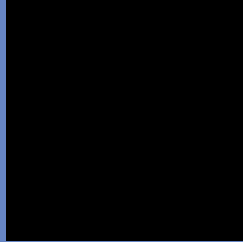
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

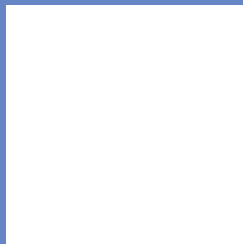
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.9130, 32.0879, -25.3567

Background



This preview shows how black text looks on a background with the YUV color 130.9130, 32.0879, -25.3567.



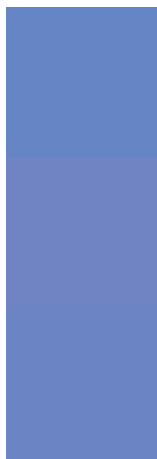
This preview shows how white text looks on a background with the YUV color 130.9130, 32.0879, -25.3567.

-25.3567.

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

130.9130, 32.0879, -25.3567

Protanopia

132.5010, 30.3190, -17.9794

Deuteranopia

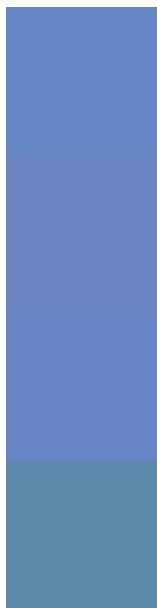
131.5220, 31.7877, -22.3828



Tritanopia

126.8200, 12.9067, -33.1681

Trichromacy



Original Color

130.9130, 32.0879, -25.3567

Protanomaly

132.0060, 31.0560, -21.0533

Deuteranomaly

131.2230, 31.9351, -22.9976

Tritanomaly

128.3780, 20.0266, -30.1495

Monochromacy



Original Color

130.9130, 32.0879, -25.3567

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9130, 32.0879, -25.3567 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(102, 133, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 133, 196)  
}
```

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(102, 133, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 133, 196) }
```

Border

The CSS property to change the border of an element to YUV 130.9130, 32.0879, -25.3567 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(102, 133, 196) }
```


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

```
.border{ border-color:rgb(102, 133, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 133, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 133, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 133, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 133,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 130.9130, 32.0879, -25.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 133, 196) }
```

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

```
.background{ background-color: rgb(102,  
133, 196) }
```

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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