

Converting Colors

YUV(170.9130, 32.0879,
-25.3567)

Have a look what the booklet for
YUV(170.9130, 32.0879, -25.3567)
contains.

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Color

**YUV(170.9130, 32.0879,
-25.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	8EADEC
RGB	142, 173, 236
RGB Percent	56%, 68%, 93%
CMY	0.4431, 0.3216, 0.0745
CMYK	0.40, 0.27, 0.00, 0.07
HSL	220°, 71%, 74%
HSV	220°, 40%, 93%
XYZ	41.2392, 41.6941, 85.2311
YIQ	170.9130, -38.6990, 13.0210

Conversions

Conversions Part 2

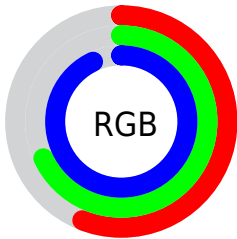
Format	Color
RYB	142, 165, 236
Decimal	9350636
CIELab	70.66, 4.99, -34.91
CIELCh	71, 35.264, 278.139
Yxy	41.6941, 0.2452, 0.2479
Android (android.graphics.Color)	4287540716 (0xFF8EADEC)
YUV	170.9130, 32.0879, -25.3567
Hunter-Lab	64.5709, 1.0026, -33.0608

Details

The YUV color **170.9130, 32.0879, -25.3567** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **207.0870, -32.0879, 25.3567**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1080, 16.2158, -21.1427**, and **117.5600, 30.7829, -26.8011** is the 20% darker color. If you saturate the color by 10%, you get **154.3450, 40.2559, -31.8746**, and if you desaturate by 10%, it is **187.4810, 23.9199, -18.8388**.

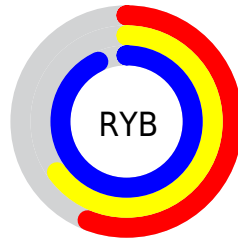
Distribution



Red (56%)

Green (68%)

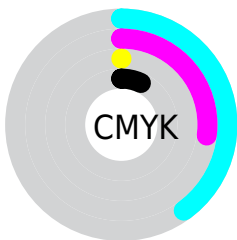
Blue (93%)



Red (56%)

Yellow (65%)

Blue (93%)

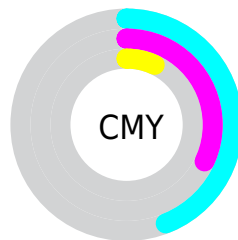


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (44%)

Magenta (32%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9130, 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 170.9130, 32.0879, -25.3567 by changing the saturation by 10% instead.

■ 170.9130, 32.0879,
-25.3567

■ 170.9130, 32.0879,
-25.3567

255.0000, 0.0000,
0.0000

■ 144.0870, 31.5091,
-26.3863

■ 222.1080, 16.2158,
-21.1427

■ 117.5600, 30.7829,
-26.8011

■ 246.6280, 4.1274,
-17.2138

■ 91.4350, 30.3515,
-28.4455

■ 65.7010, 30.2204,
-33.0638

■ 41.4510, 29.3577,
-36.3525

■ 26.3880, 24.9517,
-23.1423

■ 7.9170, 22.7189,

-6.9432

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 170.9130, 32.0879,
-25.3567

■ 170.9130, 32.0879,
-25.3567

■ 154.3450, 40.2559,
-31.8746

■ 187.4810, 23.9199,
-18.8388

■ 138.0760, 48.2765,
-37.7777

■ 203.7500, 15.8993,
-12.9358

■ 122.0950, 56.1552,
-44.8103

■ 219.7310, 8.0206,
-5.9031

■ 105.8260, 64.1758,
-50.7134

■ 236.0000, 0.0000,
0.0000

■ 89.2580, 72.3438,
-57.2313

■ 251.0730, -7.4310,
3.4440

■ 72.6900, 80.5118,
-63.7491

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



160.7790, 35.1120, -62.0732



170.9130, 32.0879, -25.3567



176.1410, 23.1015, 10.4003

Triad

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



170.9130, 32.0879, -25.3567



174.5690, -19.5075, 50.3670



160.7160, -6.2690, -42.7239

Complementary

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



170.9130, 32.0879, -25.3567



207.0870, -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.



166.3640, -22.3645, -13.4742



170.9130, 32.0879, -25.3567



172.6630, -28.9209, 36.2525

Square

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



170.9130, 32.0879, -25.3567



175.9510, -5.3988, 51.7860



170.1780, -30.1608, 13.8759



153.9910, 13.3154, -71.0291

Rectangle

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



170.9130, 32.0879, -25.3567



177.3840, 14.6007, 30.3582



170.1780, -30.1608, 13.8759



162.8760, -12.2639, -33.2173

Sweetspot

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



170.9130, 32.0879, -25.3567



233.4040, 10.6468, -8.2473



204.3600, 0.3155, -54.6897



115.5740, 6.1260, -4.8884



0.0000, 0.0000, 0.0000



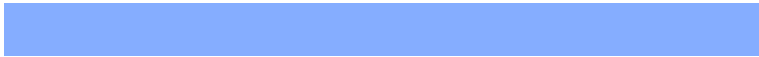
128.0000, 0.0000, 0.0000

Same Dimension

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



170.9130, 32.0879, -25.3567



170.3880, 41.7137, -32.7893



157.5000, 38.7005, 0.4385



109.0150, 3.9366, -2.6442



55.8540, 61.6970, -48.9840



16.7220, 18.3781, -14.6652

Inverse Universe

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



173.6400, -0.3155, 54.6897



174.0380, -0.5117, 71.0037



220.5000, -38.7005, -0.4385



109.6310, -0.3111, 6.4626



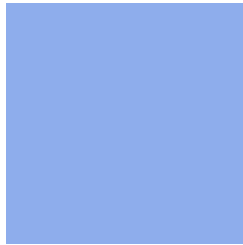
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 170.9130, 32.0879, -25.3567 looks on a white background.

Color Contrast Check

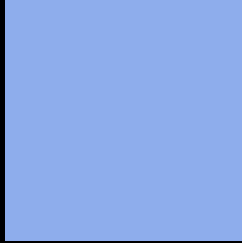
Large Text (above 18pt) WCAG AA × Fail

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 170.9130, 32.0879, -25.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

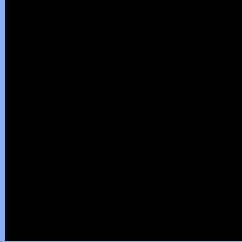
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9130, 32.0879, -25.3567

Background



This preview shows how black text looks on a background with the YUV color 170.9130, 32.0879, -25.3567.



This preview shows how white text looks on a background with the YUV color 170.9130, 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

170.9130, 32.0879, -25.3567

Protanopia

172.5120, 30.3136, -16.2350

Deuteranopia

172.2560, 31.9188, -17.7645



Tritanopia

167.9450, 13.3381, -31.5238

Trichromacy



Original Color

170.9130, 32.0879, -25.3567

Protanomaly

172.0170, 31.0506, -19.3089

Deuteranomaly

171.6470, 32.2190, -20.7384

Tritanomaly

169.0900, 20.1686, -29.0199

Monochromacy



Original Color

170.9130, 32.0879, -25.3567

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9130, 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(142, 173, 236)` looks like.

```
.text, #text, p{  
    color:rgb(142, 173, 236)  
}
```

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(142, 173, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 173, 236) }
```

Border

The CSS property to change the border of an element to YUV 170.9130, 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(142, 173, 236) }
```


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

```
.border{ border-color:rgb(142, 173, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 173, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 173, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 173, 236);  
box-shadow:4px 4px 4px 4px rgb(142, 173,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 170.9130, 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(142, 173, 236) }
```

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

```
.background{ background-color: rgb(142,  
173, 236) }
```

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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