

Converting Colors

YUV(159.9240, 32.0825,
-23.6123)

Have a look what the booklet for
YUV(159.9240, 32.0825, -23.6123)
contains.

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Color

**YUV(159.9240, 32.0825,
-23.6123)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85A1E1 |
| RGB | 133, 161, 225 |
| RGB Percent | 52%, 63%, 88% |
| CMY | 0.4784, 0.3686, 0.1176 |
| CMYK | 0.41, 0.28, 0.00, 0.12 |
| HSL | 222°, 61%, 70% |
| HSV | 222°, 41%, 88% |
| XYZ | 36.0083, 35.9125, 76.2681 |
| YIQ | 159.9240, -37.2320, 13.9680 |

Conversions

Conversions Part 2

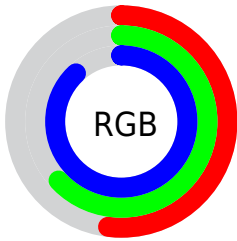
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 133, 154, 225 |
| Decimal | 8757729 |
| CIE Lab | 66.45, 6.39, -35.46 |
| CIE LCh | 66, 36.030, 280.216 |
| Yxy | 35.9125, 0.2430, 0.2423 |
| Android (android.graphics.Color) | 4286947809 (0xFF85A1E1) |
| YUV | 159.9240, 32.0825, -23.6123 |
| Hunter-Lab | 59.9271, 2.3828, -33.5084 |

Details

The YUV color $159.9240, 32.0825, -23.6123$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.0760, -32.0825, 23.6123$, and the grayscale version is $160.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.3730, 21.0151, -20.4981$, and $107.1580, 30.4881, -25.5716$ is the 20% darker color. If you saturate the color by 10%, you get $143.9540, 39.9557, -28.9007$, and if you desaturate by 10%, it is $175.8940, 24.2093, -18.3240$.

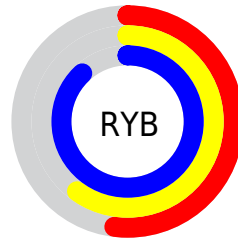
Distribution



Red (52%)

Green (63%)

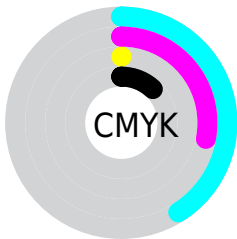
Blue (88%)



Red (52%)

Yellow (60%)

Blue (88%)

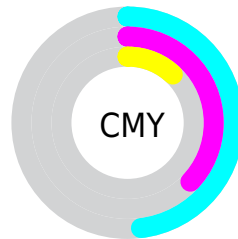


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (48%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9240, 32.0825, -23.6123 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 159.9240, 32.0825, -23.6123 by changing the saturation by 10% instead.

■ 159.9240, 32.0825,
-23.6123

■ 159.9240, 32.0825,
-23.6123

255.0000, 0.0000,
0.0000

■ 133.3970, 31.3563,
-24.0272

■ 212.3730, 21.0151,
-20.4981

■ 107.1580, 30.4881,
-25.5716

■ 237.4800, 8.6374,
-17.0840

■ 81.7340, 30.2041,
-27.8307

■ 252.6080, 1.1793,
-4.9182

■ 54.8040, 30.6626,
-34.9081

■ 34.5550, 28.3204,
-30.3047

■ 20.0790, 23.6251,
-17.6093

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 159.9240, 32.0825,
-23.6123

■ 159.9240, 32.0825,
-23.6123

■ 143.9540, 39.9557,
-28.9007

■ 175.8940, 24.2093,
-18.3240

■ 128.2720, 47.6869,
-35.3185

■ 191.5760, 16.4780,
-11.9062

■ 112.3020, 55.5601,
-40.6069

■ 207.8450, 8.4574,
-6.0031

■ 96.0330, 63.5807,
-46.5099

■ 223.8150, 0.5842,
-0.7148

■ 80.6500, 71.1645,
-52.3131

■ 239.4970, -7.1470,
5.7031

■ 65.5660, 78.6010,
-57.5014

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



148.7080, 36.1330, -62.8879



159.9240, 32.0825, -23.6123



165.3370, 22.5119, 12.8595

Triad

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



159.9240, 32.0825, -23.6123



162.9280, -20.6705, 50.0521



148.4490, -4.6584, -45.9978

Complementary

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



159.9240, 32.0825, -23.6123



198.0760, -32.0825, 23.6123

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.



154.5810, -21.4854, -15.4185



159.9240, 32.0825, -23.6123



160.8370, -29.4996, 35.2230

Square

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



159.9240, 32.0825, -23.6123



164.4350, -6.1305, 53.1155



158.1670, -30.1553, 12.1315



139.6310, 15.9579, -78.6064

Rectangle

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



159.9240, 32.0825, -23.6123



166.1670, 13.7217, 32.3025



158.1670, -30.1553, 12.1315



150.7940, -11.2374, -35.7763

Sweetspot

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



159.9240, 32.0825, -23.6123



233.4040, 10.6468, -8.2473



194.1860, 0.8943, -53.6601



114.9870, 6.4154, -4.3736



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.



159.9240, 32.0825, -23.6123



166.5560, 43.6029, -32.0596



148.5710, 37.6795, 1.2532



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209

Inverse Universe

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



163.7000, -1.3311, 53.7601



171.7070, -1.8276, 73.0480



209.4290, -37.6795, -1.2532



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 159.9240, 32.0825, -23.6123 looks on a white background.

Color Contrast Check

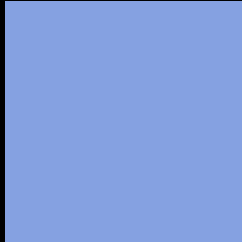
Large Text (above 18pt) WCAG AA × Fail

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 159.9240, 32.0825, -23.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

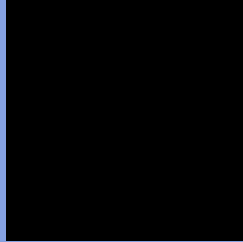
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9240, 32.0825, -23.6123

Background



This preview shows how black text looks on a background with the YUV color 159.9240, 32.0825, -23.6123.



This preview shows how white text looks on a background with the YUV color 159.9240, 32.0825, -23.6123.

-23.6123.

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

159.9240, 32.0825, -23.6123

Protanopia

161.2130, 30.4610, -16.8498

Deuteranopia

160.5440, 31.7768, -18.8941



Tritanopia

156.5430, 13.0433, -30.2942

Trichromacy



Original Color

159.9240, 32.0825, -23.6123

Protanomaly

161.0170, 31.0506, -19.3089

Deuteranomaly

160.5330, 31.7822, -20.6384

Tritanomaly

157.6880, 19.8738, -27.7904

Monochromacy



Original Color

159.9240, 32.0825, -23.6123

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7460, 11.9572, -8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9240, 32.0825, -23.6123 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(133, 161, 225)` looks like.

```
.text, #text, p{  
    color:rgb(133, 161, 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(133, 161, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 161, 225) }
```

Border

The CSS property to change the border of an element to YUV 159.9240, 32.0825, -23.6123 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

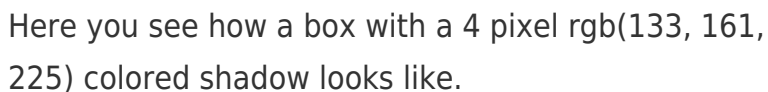
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 161, 225) }
```


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

```
.border{ border-color:rgb(133, 161, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 161, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 161, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 161, 225); box-shadow:4px 4px 4px 4px rgb(133, 161, 225) }
```

Background

The CSS property to change the background color of an element to YUV 159.9240, 32.0825, -23.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 161, 225) }
```

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

```
.background{ background-color: rgb(133,  
161, 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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