

Converting Colors

YUV(170.6940, -2.8071,
-33.0576)

Have a look what the booklet for
YUV(170.6940, -2.8071, -33.0576)
contains.

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Color

**YUV(170.6940, -2.8071,
-33.0576)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85BFA5 |
| RGB | 133, 191, 165 |
| RGB Percent | 52%, 75%, 65% |
| CMY | 0.4784, 0.2510, 0.3529 |
| CMYK | 0.30, 0.00, 0.14, 0.25 |
| HSL | 153°, 31%, 64% |
| HSV | 153°, 30%, 75% |
| XYZ | 35.0952, 44.9648, 42.4267 |
| YIQ | 170.6940, -26.2220, -20.3820 |

Conversions

Conversions Part 2

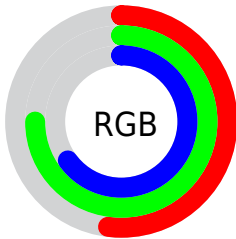
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 170, 191 |
| Decimal | 8765349 |
| CIELab | 72.87, -24.35, 7.14 |
| CIElCh | 73, 25.374, 163.651 |
| Yxy | 44.9648, 0.2865, 0.3671 |
| Android (android.graphics.Color) | 4286955429 (0xFF85BFA5) |
| YUV | 170.6940, -2.8071, -33.0576 |
| Hunter-Lab | 67.0558, -23.9255, 9.4258 |

Details

The YUV color **170.6940, -2.8071, -33.0576** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.3060, 2.8071, 33.0576**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5690, -3.2385, -34.7020**, and **117.5200, -2.2284, -32.0280** is the 20% darker color. If you saturate the color by 10%, you get **163.9870, -3.9376, -43.8386**, and if you desaturate by 10%, it is **177.4010, -1.6767, -22.2767**.

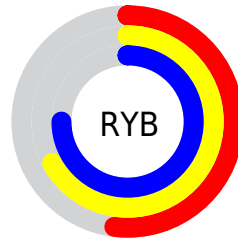
Distribution



Red (52%)

Green (75%)

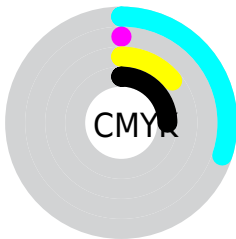
Blue (65%)



Red (52%)

Yellow (67%)

Blue (75%)

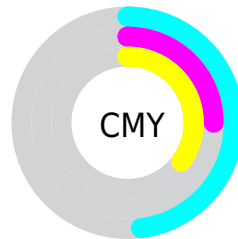


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (48%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6940, -2.8071, -33.0576 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 170.6940, -2.8071, -33.0576 by changing the saturation by 10% instead.

■ 170.6940, -2.8071,
-33.0576

■ 170.6940, -2.8071,
-33.0576

255.0000, 0.0000,
0.0000

■ 144.1070, -2.5178,
-32.5428

■ 226.5690, -3.2385,
-34.7020

■ 117.5200, -2.2284,
-32.0280

■ 242.6550, 3.1281,
-23.3764

■ 92.6340, -1.7916,
-32.1280

■ 252.0100, 1.4741,
-6.1478

■ 67.4490, -1.2074,
-32.8428

■ 41.8830, 0.5507,
-36.7314

■ 26.6890, -1.8187,
-23.4063

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 170.6940, -2.8071,
-33.0576

■ 170.6940, -2.8071,
-33.0576

■ 163.9870, -3.9376,
-43.8386

■ 177.4010, -1.6767,
-22.2767

■ 157.3940, -4.6312,
-54.7195

■ 183.9940, -0.9830,
-11.3957

■ 150.6870, -5.7617,
-65.5005

■ 190.7010, 0.1474,
-0.6148

■ 144.0940, -6.4553,
-76.3814

■ 197.2940, 0.8411,
10.2662

■ 137.3870, -7.5858,
-87.1624

■ 204.3000, 1.8241,
21.6619

■ 130.4950, -8.1320,
-98.6581

■ 210.8930, 2.5178,
32.5428

■ 124.0870, -9.4099,
-108.8243

■ 214.0120, 5.4171,
35.9465

■ 214.9240, 8.9115,
35.1467

■ 215.9500, 12.8427,
34.2469

Harmonies

Analogous

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



173.8400, -14.2181, -13.0147



170.6940, -2.8071, -33.0576



168.3360, 10.1874, -47.6527

Triad

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



170.6940, -2.8071, -33.0576



178.7700, 22.2984, -12.0763



180.6920, -16.1172, 36.2271

Complementary

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



170.6940, -2.8071, -33.0576



153.3060, 2.8071, 33.0576

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.



181.9340, -6.3765, 38.6459



170.6940, -2.8071, -33.0576



182.0890, 15.2391, 12.1999

Square

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



170.6940, -2.8071, -33.0576



174.0830, 24.1161, -35.1528



182.5660, 5.1440, 30.1986



179.1330, -21.7576, 25.3164

Rectangle

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



170.6940, -2.8071, -33.0576



168.5620, 17.4709, -50.4819



182.5660, 5.1440, 30.1986



181.0990, -13.3598, 38.5012

Sweetspot

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



170.6940, -2.8071, -33.0576



239.2820, -1.1250, -12.5253



174.8200, -20.6173, -13.8741



120.1300, -0.5571, -8.0070



252.0000, 0.0000, 0.0000



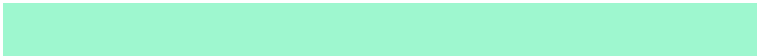
125.0000, 0.0000, 0.0000

Same Dimension

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



170.6940, -2.8071, -33.0576



215.8290, -4.3527, -50.7160



171.8970, 9.4178, -34.1127



90.8530, -0.4205, -5.1331



102.6640, -7.7224, -90.0363



20.1350, -1.5456, -17.6584

Inverse Universe

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



153.3060, 2.8071, 33.0576



189.1710, 4.3527, 50.7160



152.1030, -9.4178, 34.1127



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 170.6940, -2.8071, -33.0576 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 170.6940, -2.8071, -33.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

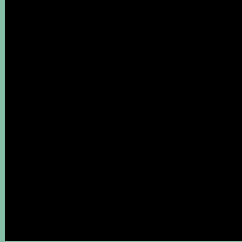
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.6940, -2.8071, -33.0576

Background



This preview shows how black text looks on a background with the YUV color 170.6940, -2.8071, -33.0576.



This preview shows how white text looks on a background with the YUV color 170.6940, -2.8071, -33.0576.

-33.0576.

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

170.6940, -2.8071, -33.0576

Protanopia

178.1120, -9.9152, 6.9178

Deuteranopia

179.7310, -5.2904, 16.8989



Tritanopia

174.2550, 13.1853, -29.1646

Trichromacy



Original Color

170.6940, -2.8071, -33.0576

Protanomaly

175.7080, -7.2510, -7.6369

Deuteranomaly

176.5500, -4.2152, -1.3594

Tritanomaly

173.0500, 7.3703, -30.7389

Monochromacy



Original Color

170.6940, -2.8071, -33.0576

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6950, -0.8356, -12.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6940, -2.8071, -33.0576 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, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 165)  
}
```

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, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 165) }
```

Border

The CSS property to change the border of an element to YUV 170.6940, -2.8071, -33.0576 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, 191, 165) }
```


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

```
.border{ border-color:rgb(133, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 170.6940, -2.8071, -33.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 191, 165) }
```

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

```
.background{ background-color: rgb(133,  
191, 165) }
```

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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