

Converting Colors

YUV(149.9220, -1.9335,
-33.2576)

Have a look what the booklet for
YUV(149.9220, -1.9335, -33.2576)
contains.

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Color

**YUV(149.9220, -1.9335,
-33.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	70AA92
RGB	112, 170, 146
RGB Percent	44%, 67%, 57%
CMY	0.5608, 0.3333, 0.4275
CMYK	0.34, 0.00, 0.14, 0.33
HSL	155°, 25%, 55%
HSV	155°, 34%, 67%
XYZ	26.2451, 34.2695, 32.4255
YIQ	149.9220, -26.8640, -19.7600

Conversions

Conversions Part 2

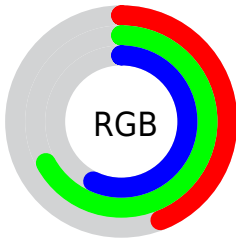
Format	Color
RYB	112, 149, 170
Decimal	7383698
CIELab	65.18, -24.30, 6.40
CIElCh	65, 25.133, 165.248
Yxy	34.2695, 0.2824, 0.3687
Android (android.graphics.Color)	4285573778 (0xFF70AA92)
YUV	149.9220, -1.9335, -33.2576
Hunter-Lab	58.5402, -22.4190, 8.1372

Details

The YUV color **149.9220, -1.9335, -33.2576** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **132.0780, 1.9335, 33.2576**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7970, -2.3649, -34.9020**, and **98.4490, -1.2074, -32.8428** is the 20% darker color. If you saturate the color by 10%, you get **144.0410, -2.4852, -43.0090**, and if you desaturate by 10%, it is **155.8030, -1.3819, -23.5062**.

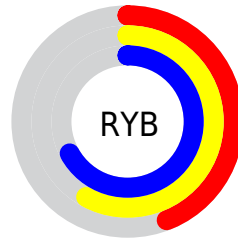
Distribution



Red (44%)

Green (67%)

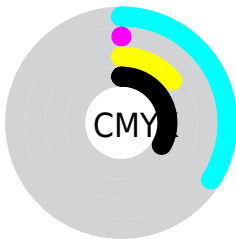
Blue (57%)



Red (44%)

Yellow (58%)

Blue (67%)

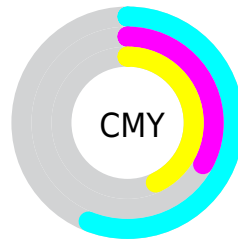


Cyan (34%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9220, -1.9335, -33.2576 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 149.9220, -1.9335, -33.2576 by changing the saturation by 10% instead.

■ 149.9220, -1.9335,
-33.2576

■ 149.9220, -1.9335,
-33.2576

■ 255.0000, 0.0000,
0.0000

■ 123.3350, -1.6442,
-32.7428

■ 204.7970, -2.3649,
-34.9020

■ 98.4490, -1.2074,
-32.8428

■ 232.7970, -2.3649,
-34.9020

■ 73.2640, -0.6232,
-33.5575

■ 245.1330, 4.8644,
-20.2876

■ 47.5840, 0.6981,
-37.3462

■ 253.8040, 0.5896,
-2.4591

■ 30.1940, -1.0816,
-26.4801

■ 16.0770, -6.9400,
-14.0995

■ 0.0000, 0.0000,

0.0000

■ 149.9220, -1.9335,
-33.2576

■ 149.9220, -1.9335,
-33.2576

■ 144.0410, -2.4852,
-43.0090

■ 155.8030, -1.3819,
-23.5062

■ 138.1600, -3.0369,
-52.7603

■ 161.6840, -0.8302,
-13.7549

■ 132.2790, -3.5885,
-62.5117

■ 167.5650, -0.2785,
-4.0035

■ 126.3980, -4.1402,
-72.2630

■ 173.4460, 0.2731,
5.7479

■ 120.5170, -4.6919,
-82.0144

■ 179.3270, 0.8248,
15.4992

■ 114.6360, -5.2435,
-91.7658

■ 185.2080, 1.3765,
25.2506

■ 111.1900, -5.5167,
-97.5136

■ 191.0890, 1.9281,
35.0019

■ 196.9700, 2.4798,
44.7533

■ 199.8610, 4.5055,
48.3569

Harmonies

Analogous

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



152.7690, -13.1971, -13.8294



149.9220, -1.9335, -33.2576



147.4500, 10.6242, -47.7526

Triad

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



149.9220, -1.9335, -33.2576



158.1400, 21.1300, -10.6468



159.6810, -16.1117, 34.4828

Complementary

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



149.9220, -1.9335, -33.2576



132.0780, 1.9335, 33.2576

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.



161.1080, -6.9552, 37.6163



149.9220, -1.9335, -33.2576



161.7470, 13.9287, 12.4999

Square

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



149.9220, -1.9335, -33.2576



153.5670, 23.3845, -33.8233



161.9250, 3.9810, 29.8838



158.2360, -21.3153, 23.4720

Rectangle

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



149.9220, -1.9335, -33.2576



147.8610, 17.3235, -49.8671



161.9250, 3.9810, 29.8838



160.0880, -13.3544, 36.7568

Sweetspot

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



149.9220, -1.9335, -33.2576



214.3960, -0.6882, -12.6253



153.2220, -20.3224, -15.1037



107.5430, -0.2677, -7.4922



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.9220, -1.9335, -33.2576



190.4590, -3.1843, -52.1455



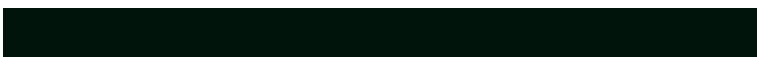
149.7230, 9.9966, -33.0831



81.2660, -0.1311, -4.6183



96.7940, -4.8284, -84.8883



13.1080, -0.5462, -11.4957

Inverse Universe

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



132.0780, 1.9335, 33.2576



162.5410, 3.1843, 52.1455



132.2770, -9.9966, 33.0831



78.7340, 0.1311, 4.6183



51.2060, 4.8284, 84.8883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 149.9220, -1.9335, -33.2576 looks on a white background.

Color Contrast Check

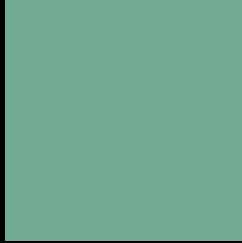
Large Text (above 18pt) WCAG AA × Fail

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 149.9220, -1.9335, -33.2576 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

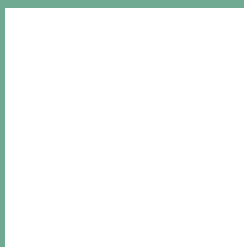
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.9220, -1.9335, -33.2576

Background



This preview shows how black text looks on a background with the YUV color 149.9220, -1.9335, -33.2576.



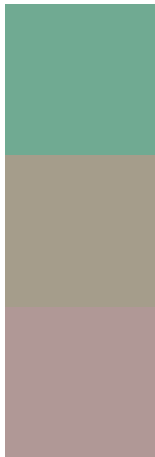
This preview shows how white text looks on a background with the YUV color 149.9220, -1.9335, -33.2576.

-33.2576.

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

149.9220, -1.9335, -33.2576

Protanopia

157.3400, -9.0416, 6.7178

Deuteranopia

158.9480, -4.4114, 14.9546



Tritanopia

152.8420, 12.8959, -29.6794

Trichromacy



Original Color

149.9220, -1.9335, -33.2576

Protanomaly

154.9360, -6.3774, -7.8369

Deuteranomaly

156.0660, -3.4835, -2.6889

Tritanomaly

151.7510, 7.5178, -31.3536

Monochromacy



Original Color

149.9220, -1.9335, -33.2576

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8090, -0.3988, -12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9220, -1.9335, -33.2576 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(112, 170, 146)` looks like.

```
.text, #text, p{  
    color:rgb(112, 170, 146)  
}
```

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(112, 170, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 170, 146) }
```

Border

The CSS property to change the border of an element to YUV 149.9220, -1.9335, -33.2576 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(112, 170, 146) }
```


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

```
.border{ border-color:rgb(112, 170, 146) }
```

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

Here you see how a box with a 4 pixel rgb(112, 170, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 170, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 170, 146);  
box-shadow:4px 4px 4px 4px rgb(112, 170,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 149.9220, -1.9335, -33.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 170, 146) }
```

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

```
.background{ background-color: rgb(112,  
170, 146) }
```

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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