

Converting Colors

YUV(149.1940, 5.3274,
-75.5921)

Have a look what the booklet for
YUV(149.1940, 5.3274, -75.5921)
contains.

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Color

**YUV(149.1940, 5.3274,
-75.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBFA0
RGB	63, 191, 160
RGB Percent	25%, 75%, 63%
CMY	0.7529, 0.2510, 0.3725
CMYK	0.67, 0.00, 0.16, 0.25
HSL	165°, 50%, 50%
HSV	165°, 67%, 75%
XYZ	27.0259, 40.8564, 39.7194
YIQ	149.1940, -66.3370, -36.7770

Conversions

Conversions Part 2

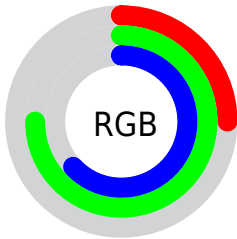
Format	Color
RYB	63, 136, 191
Decimal	4177824
CIELab	70.08, -42.23, 5.50
CIElCh	70, 42.582, 172.577
Yxy	40.8564, 0.2512, 0.3797
Android (android.graphics.Color)	4282367904 (0xFF3FBFA0)
YUV	149.1940, 5.3274, -75.5921
Hunter-Lab	63.9190, -36.3860, 7.9004

Details

The YUV color **149.1940, 5.3274, -75.5921** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **104.8060, -5.3274, 75.5921**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7600, 3.5693, -71.7035**, and **92.8450, 7.9644, -81.4251** is the 20% darker color. If you saturate the color by 10%, you get **142.9430, 5.9441, -86.7730**, and if you desaturate by 10%, it is **155.4450, 4.7106, -64.4113**.

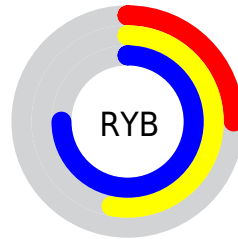
Distribution



Red (25%)

Green (75%)

Blue (63%)



Red (25%)

Yellow (53%)

Blue (75%)

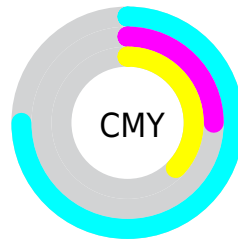


Cyan (67%)

Magenta (0%)

Yellow (16%)

Black (25%)



Cyan (75%)

Magenta (25%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1940, 5.3274, -75.5921 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 149.1940, 5.3274, -75.5921 by changing the saturation by 10% instead.

■ 149.1940, 5.3274,
-75.5921

■ 149.1940, 5.3274,
-75.5921

■ 255.0000, 0.0000,
0.0000

■ 116.6380, 8.5595,
-85.6285

■ 207.7600, 3.5693,
-71.7035

■ 92.8450, 7.9644,
-81.4251

■ 223.7320, 9.4991,
-60.2780

■ 74.7330, 4.5686,
-65.5408

■ 234.0700, 10.3185,
-43.0344

■ 56.8490, 2.0464,
-49.8566

■ 243.0400, 5.8963,
-24.5911

■ 40.2530, -0.6177,
-35.3019

■ 252.0100, 1.4741,
-6.1478

■ 25.6460, -3.2765,
-22.4915

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 149.1940, 5.3274,
-75.5921

■ 149.1940, 5.3274,
-75.5921

■ 142.9430, 5.9441,
-86.7730

■ 155.4450, 4.7106,
-64.4113

■ 136.8060, 6.9976,
-98.0539

■ 161.5820, 3.6571,
-53.1304

■ 130.5550, 7.6144,
-109.2347

■ 167.8330, 3.0403,
-41.9495

■ 128.6470, 8.0620,
-112.8234

■ 174.0840, 2.4236,
-30.7687

■ 180.5200, 1.2226,
-18.8730

■ 186.7710, 0.6059,
-7.6922

■ 192.9080, -0.4476,
3.5887

■ 199.1590, -1.0644,
14.7696

■ 205.4100, -1.6811,
25.9504

Harmonies

Analogous

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



159.9700, -18.2262, -34.1767



149.1940, 5.3274, -75.5921



134.9170, 32.0859, -118.3222

Triad

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



149.1940, 5.3274, -75.5921



172.6960, 34.6599, -10.2574



171.2460, -29.7013, 53.2813

Complementary

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



149.1940, 5.3274, -75.5921



104.8060, -5.3274, 75.5921

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.



173.3240, -14.4567, 63.7369



149.1940, 5.3274, -75.5921



176.3930, 21.0053, 29.4733

Square

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



149.1940, 5.3274, -75.5921



159.8530, 42.9635, -60.3841



175.0900, 3.8996, 56.0491



169.1540, -37.0509, 30.5599

Rectangle

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



149.1940, 5.3274, -75.5921



136.2510, 42.2743, -119.4921



175.0900, 3.8996, 56.0491



172.1310, -25.2076, 58.6441

Sweetspot

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



149.1940, 5.3274, -75.5921



230.9810, 1.9814, -28.9243



147.7040, -41.7591, -46.2214



115.2320, 1.3646, -17.7435



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.



149.1940, 5.3274, -75.5921



182.3260, 8.2203, -116.9269



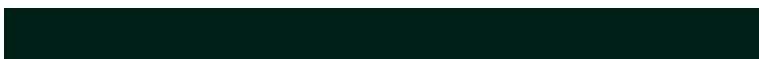
133.9440, 28.1286, -62.2179



91.0810, 0.4531, -5.3330



106.4260, 6.6920, -93.3356



20.8190, 1.0752, -18.2583

Inverse Universe

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



104.8060, -5.3274, 75.5921



113.6740, -8.2203, 116.9269



120.0560, -28.1286, 62.2179



87.9190, -0.4531, 5.3330



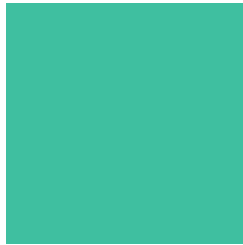
51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 149.1940, 5.3274, -75.5921 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 149.1940, 5.3274, -75.5921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

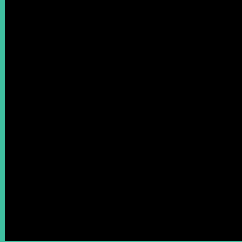
Any Text WCAG AA ✓ Pass

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 149.1940, 5.3274, -75.5921 Background



This preview shows how black text looks on a background with the YUV color 149.1940, 5.3274, -75.5921.



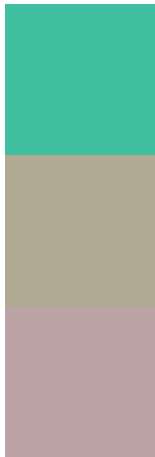
This preview shows how white text looks on a background with the YUV color 149.1940, 5.3274,

-75.5921.

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

149.1940, 5.3274, -75.5921

Protanopia

169.4110, -10.0626, 7.5326

Deuteranopia

171.4040, -2.6642, 14.5547



Tritanopia

155.6140, 21.8823, -65.4365

Trichromacy



Original Color

149.1940, 5.3274, -75.5921

Protanomaly

162.0050, -4.4395, -22.8064

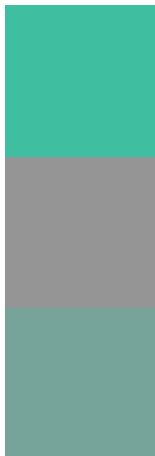
Deuteranomaly

163.5910, 0.2016, -18.0583

Tritanomaly

152.9850, 15.7834, -69.2698

Monochromacy



Original Color

149.1940, 5.3274, -75.5921

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9920, 1.9759, -27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1940, 5.3274, -75.5921 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(63, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(63, 191, 160)  
}
```

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(63, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 191, 160) }
```

Border

The CSS property to change the border of an element to YUV 149.1940, 5.3274, -75.5921 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(63, 191, 160) }
```


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

```
.border{ border-color:rgb(63, 191, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(63, 191,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 149.1940, 5.3274, -75.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 191, 160) }
```

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

```
.background{ background-color: rgb(63, 191,  
160) }
```

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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