

Converting Colors

YUV(164.6940, 7.0529,
-69.0146)

Have a look what the booklet for
YUV(164.6940, 7.0529, -69.0146)
contains.

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Color

**YUV(164.6940, 7.0529,
-69.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	56CAB3
RGB	86, 202, 179
RGB Percent	34%, 79%, 70%
CMY	0.6627, 0.2078, 0.2980
CMYK	0.57, 0.00, 0.11, 0.21
HSL	168°, 52%, 56%
HSV	168°, 57%, 79%
XYZ	33.0950, 47.4742, 50.0670
YIQ	164.6940, -61.7530, -31.7450

Conversions

Conversions Part 2

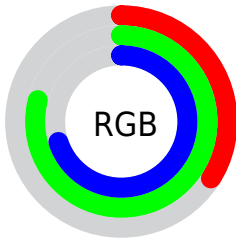
Format	Color
RYB	86, 150, 202
Decimal	5687987
CIELab	74.49, -38.29, 1.65
CIELCh	74, 38.329, 177.530
Yxy	47.4742, 0.2533, 0.3634
Android (android.graphics.Color)	4283878067 (0xFF56CAB3)
YUV	164.6940, 7.0529, -69.0146
Hunter-Lab	68.9015, -34.8400, 5.1482

Details

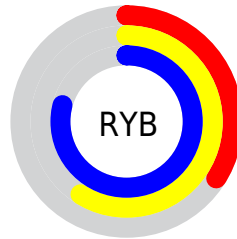
The YUV color **164.6940, 7.0529, -69.0146** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **123.3060, -7.0529, 69.0146**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8300, 7.4788, -65.6259**, and **100.6530, 12.4961, -88.2727** is the 20% darker color. If you saturate the color by 10%, you get **158.2580, 8.2538, -80.9103**, and if you desaturate by 10%, it is **171.1300, 5.8519, -57.1190**.

Distribution



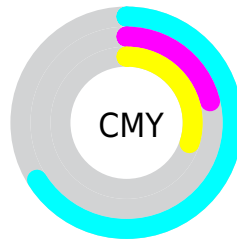
- Red (34%)
- Green (79%)
- Blue (70%)



- Red (34%)
- Yellow (59%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6940, 7.0529, -69.0146 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 164.6940, 7.0529, -69.0146 by changing the saturation by 10% instead.

■ 164.6940, 7.0529,
-69.0146

■ 164.6940, 7.0529,
-69.0146

255.0000, 0.0000,
0.0000

■ 135.3130, 8.2267,
-72.1885

■ 219.8300, 7.4788,
-65.6259

■ 100.6530, 12.4961,
-88.2727

■ 231.0800, 11.7926,
-49.1822

■ 82.5410, 9.1003,
-72.3885

■ 239.7510, 7.5178,
-31.3536

■ 65.2440, 6.2887,
-57.2190

■ 248.7210, 3.0955,
-12.9103

■ 47.9470, 3.4771,
-42.0495

■ 32.0520, 0.9604,
-28.1096

■ 15.9290, -2.4300,

-13.9697

■ 0.0000, 0.0000,
0.0000

■ 164.6940, 7.0529,
-69.0146

■ 164.6940, 7.0529,
-69.0146

■ 158.2580, 8.2538,
-80.9103

■ 171.1300, 5.8519,
-57.1190

■ 151.8220, 9.4548,
-92.8059

■ 177.5660, 4.6510,
-45.2234

■ 145.0870, 10.8031,
-105.3163

■ 184.3010, 3.3026,
-32.7130

■ 138.6510, 12.0041,
-117.2119

■ 190.7370, 2.1017,
-20.8173

■ 137.0420, 12.3043,
-120.1858

■ 197.1730, 0.9007,
-8.9217

■ 203.6090, -0.3002,
2.9739

■ 210.0450, -1.5012,
14.8695

■ 216.7800, -2.8495,
27.3799

■ 219.3290, -2.1342,
31.2835

Harmonies

Analogous

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



172.1100, -13.8582, -35.1765



164.6940, 7.0529, -69.0146



156.5390, 28.8213, -97.8197

Triad

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



164.6940, 7.0529, -69.0146



185.4860, 29.8334, -2.1802



183.7290, -28.9534, 46.7187

Complementary

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



164.6940, 7.0529, -69.0146



123.3060, -7.0529, 69.0146

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.



185.4220, -16.4770, 58.3889



164.6940, 7.0529, -69.0146



188.2640, 16.6318, 32.2175

Square

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



164.6940, 7.0529, -69.0146



177.4700, 37.2363, -43.3852



187.1560, 0.4161, 53.3602



180.9190, -33.9771, 24.6270

Rectangle

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



164.6940, 7.0529, -69.0146



159.3360, 36.8094, -93.2567



187.1560, 0.4161, 53.3602



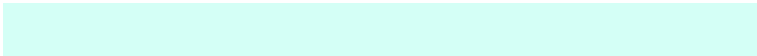
184.3860, -25.3333, 52.2815

Sweetspot

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



164.6940, 7.0529, -69.0146



241.1170, 2.4073, -25.5356



160.9690, -36.9597, -45.5768



119.5420, 1.2118, -15.3843



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.



164.6940, 7.0529, -69.0146



198.3860, 10.6557, -104.7015



146.7710, 27.2279, -53.2962



98.7820, 0.6005, -5.9478



112.6040, 10.0552, -98.7537



25.8400, 2.5439, -22.6617

Inverse Universe

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



123.3060, -7.0529, 69.0146



135.6140, -10.6557, 104.7015



141.2290, -27.2279, 53.2962



95.2180, -0.6005, 5.9478



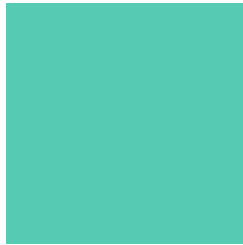
53.3960, -10.0552, 98.7537



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 164.6940, 7.0529, -69.0146 looks on a white background.

Color Contrast Check

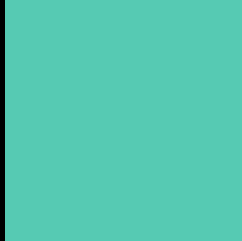
Large Text (above 18pt) WCAG AA × Fail

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 164.6940, 7.0529, -69.0146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

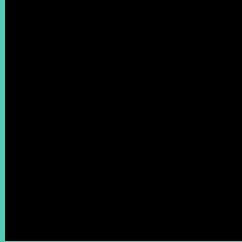
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

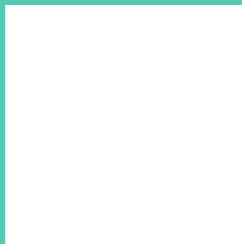
Any Text WCAG AAA ✓ Pass

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

YUV 164.6940, 7.0529, -69.0146 Background



This preview shows how black text looks on a background with the YUV color 164.6940, 7.0529, -69.0146.



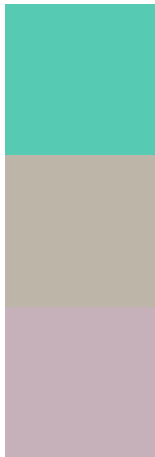
This preview shows how white text looks on a background with the YUV color 164.6940, 7.0529, -69.0146.

-69.0146.

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

164.6940, 7.0529, -69.0146

Protanopia

181.9100, -6.8576, 6.2179

Deuteranopia

183.6040, 0.6882, 12.6253



Tritanopia

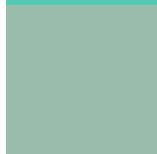
169.2230, 21.5821, -62.4626

Trichromacy



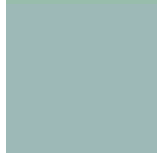
Original Color

164.6940, 7.0529, -69.0146



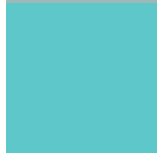
Protanomaly

175.9990, -1.9715, -21.0471



Deuteranomaly

176.4000, 3.2538, -17.0138



Tritanomaly

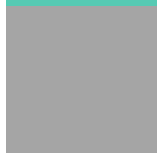
167.8330, 16.3513, -64.7515

Monochromacy



Original Color

164.6940, 7.0529, -69.0146



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.5300, 2.6967, -25.0208

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6940, 7.0529, -69.0146 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(86, 202, 179)` looks like.

```
.text, #text, p{  
    color:rgb(86, 202, 179)  
}
```

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(86, 202, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 202, 179) }
```

Border

The CSS property to change the border of an element to YUV 164.6940, 7.0529, -69.0146 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(86, 202, 179) }
```


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

```
.border{ border-color:rgb(86, 202, 179) }
```

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

Here you see how a box with a 4 pixel rgb(86, 202, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 202, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 202, 179);  
box-shadow:4px 4px 4px 4px rgb(86, 202,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 164.6940, 7.0529, -69.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 202, 179) }
```

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

```
.background{ background-color: rgb(86, 202,  
179) }
```

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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