

Converting Colors

YUV(139.3540, 16.0945,
-75.7325)

Have a look what the booklet for
YUV(139.3540, 16.0945, -75.7325)
contains.

YUV(139.3540, 16.0945, -75.7325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.3540, 16.0945,
-75.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	35B1AC
RGB	53, 177, 172
RGB Percent	21%, 69%, 67%
CMY	0.7922, 0.3059, 0.3255
CMYK	0.70, 0.00, 0.03, 0.31
HSL	178°, 54%, 45%
HSV	178°, 70%, 69%
XYZ	24.6367, 35.1797, 44.5216
YIQ	139.3540, -72.2990, -27.8430

Conversions

Conversions Part 2

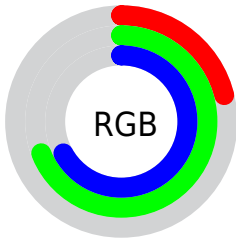
Format	Color
R _{YB}	53, 116, 177
Decimal	3518892
CIE Lab	65.89, -34.17, -7.26
CIE LCh	66, 34.930, 191.994
Yxy	35.1797, 0.2361, 0.3372
Android (android.graphics.Color)	4281708972 (0xFF35B1AC)
YUV	139.3540, 16.0945, -75.7325
Hunter-Lab	59.3125, -29.6530, -2.9860

Details

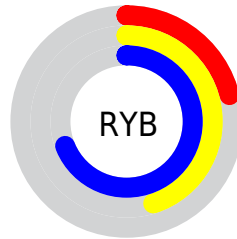
The YUV color **139.3540, 16.0945, -75.7325** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **90.6460, -16.0945, 75.7325**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9310, 14.3310, -70.0995**, and **86.4680, 16.5313, -75.8324** is the 20% darker color. If you saturate the color by 10%, you get **133.8580, 18.3110, -86.6985**, and if you desaturate by 10%, it is **144.8500, 13.8780, -64.7664**.

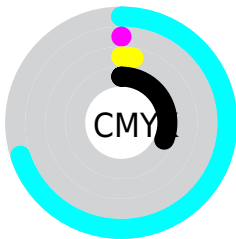
Distribution



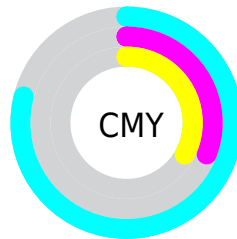
- Red (21%)
- Green (69%)
- Blue (67%)



- Red (21%)
- Yellow (45%)
- Blue (69%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (79%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.3540, 16.0945, -75.7325 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 139.3540, 16.0945, -75.7325 by changing the saturation by 10% instead.

■ 139.3540, 16.0945,
-75.7325

■ 139.3540, 16.0945,
-75.7325

■ 255.0000, 0.0000,
0.0000

■ 104.5800, 19.9271,
-91.7167

■ 197.9310, 14.3310,
-70.0995

■ 86.4680, 16.5313,
-75.8324

■ 222.7080, 15.9200,
-66.3959

■ 68.3560, 13.1355,
-59.9482

■ 231.6780, 11.4977,
-47.9526

■ 51.6460, 10.0345,
-45.2935

■ 240.6480, 7.0755,
-29.5093

■ 34.9360, 6.9336,
-30.6389

■ 249.6180, 2.6533,
-11.0660

■ 20.8020, 3.5486,
-18.2434

■ 0.0000, 0.0000,

0.0000

■ 139.3540, 16.0945,
-75.7325

■ 139.3540, 16.0945,
-75.7325

■ 133.8580, 18.3110,
-86.6985

■ 144.8500, 13.8780,
-64.7664

■ 128.7750, 20.8169,
-97.1497

■ 149.9330, 11.3720,
-54.3152

■ 123.2790, 23.0335,
-108.1157

■ 155.4290, 9.1555,
-43.3492

■ 160.9250, 6.9390,
-32.3832

■ 166.4210, 4.7224,
-21.4172

■ 171.5040, 2.2165,
-10.9660

■ 177.0000, 0.0000,
0.0000

■ 182.4960, -2.2165,
10.9660

■ 187.5790, -4.7224,
21.4172

Harmonies

Analogous

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



147.6770, -3.7848, -46.1977



139.3540, 16.0945, -75.7325



136.7020, 31.6989, -87.4387

Triad

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



139.3540, 16.0945, -75.7325



163.7070, 21.3434, 14.2890



159.6410, -28.9100, 32.7638

Complementary

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



139.3540, 16.0945, -75.7325



90.6460, -16.0945, 75.7325

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.



161.0310, -20.2283, 48.2078



139.3540, 16.0945, -75.7325



164.0170, 7.8796, 39.4501

Square

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



139.3540, 16.0945, -75.7325



159.1910, 30.4718, -20.3385



162.8970, -6.8512, 50.9563



156.4980, -28.8395, 10.0873

Rectangle

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



139.3540, 16.0945, -75.7325



144.3220, 34.8443, -69.5654



162.8970, -6.8512, 50.9563



160.2550, -26.7477, 39.2414

Sweetspot

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



139.3540, 16.0945, -75.7325



215.1210, 6.3493, -29.9241



127.5820, -36.7689, -60.1464



106.2150, 3.8380, -17.7286



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



139.3540, 16.0945, -75.7325



171.3810, 24.9552, -117.8521



107.0520, 34.4844, -47.4036



86.3090, 1.3267, -5.5330



106.5690, 19.9325, -93.4610



17.9980, 2.9590, -15.7842

Inverse Universe

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



90.6460, -16.0945, 75.7325



95.5050, -25.3920, 117.9521



122.9480, -34.4844, 47.4036



82.8050, -0.8899, 5.4330



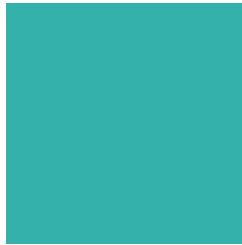
46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 139.3540, 16.0945, -75.7325 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 139.3540, 16.0945, -75.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

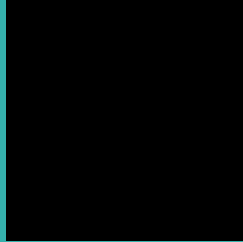
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.3540, 16.0945, -75.7325

Background



This preview shows how black text looks on a background with the YUV color 139.3540, 16.0945, -75.7325.



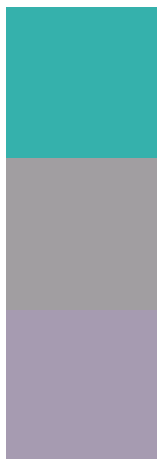
This preview shows how white text looks on a background with the YUV color 139.3540, 16.0945, -75.7325.

-75.7325.

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

139.3540, 16.0945, -75.7325

Protanopia

159.2390, 0.8682, 1.5444

Deuteranopia

160.7970, 7.9881, 4.5630



Tritanopia

142.5210, 22.9141, -69.7399

Trichromacy



Original Color

139.3540, 16.0945, -75.7325

Protanomaly

152.1430, 6.3385, -26.4354

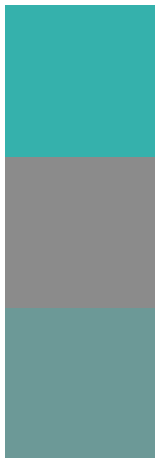
Deuteranomaly

153.0060, 10.8430, -24.5613

Tritanomaly

141.2280, 20.5936, -72.1140

Monochromacy



Original Color

139.3540, 16.0945, -75.7325

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3170, 5.7597, -27.4650

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.3540, 16.0945, -75.7325 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(53, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(53, 177, 172)  
}
```

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(53, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 177, 172) }
```

Border

The CSS property to change the border of an element to YUV 139.3540, 16.0945, -75.7325 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(53, 177, 172) }
```


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

```
.border{ border-color:rgb(53, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(53, 177,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 139.3540, 16.0945, -75.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 177, 172) }
```

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

```
.background{ background-color: rgb(53, 177,  
172) }
```

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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