

Converting Colors

YUV(140.9240, 8.4185,
-40.2753)

Have a look what the booklet for
YUV(140.9240, 8.4185, -40.2753)
contains.

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Color

**YUV(140.9240, 8.4185,
-40.2753)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA19E
RGB	95, 161, 158
RGB Percent	37%, 63%, 62%
CMY	0.6275, 0.3686, 0.3804
CMYK	0.41, 0.00, 0.02, 0.37
HSL	177°, 26%, 50%
HSV	177°, 41%, 63%
XYZ	23.6357, 30.3913, 36.9681
YIQ	140.9240, -38.3730, -14.9250

Conversions

Conversions Part 2

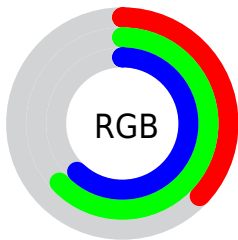
Format	Color
RYB	95, 129, 161
Decimal	6267294
CIELab	61.99, -21.74, -5.06
CIElCh	62, 22.324, 193.098
Yxy	30.3913, 0.2597, 0.3340
Android (android.graphics.Color)	4284457374 (0xFF5FA19E)
YUV	140.9240, 8.4185, -40.2753
Hunter-Lab	55.1283, -19.9442, -1.1691

Details

The YUV color **140.9240, 8.4185, -40.2753** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.0760, -8.4185, 40.2753**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6250, 8.5659, -40.8901**, and **88.4400, 9.1501, -41.6049** is the 20% darker color. If you saturate the color by 10%, you get **136.0260, 10.3402, -50.0118**, and if you desaturate by 10%, it is **145.8220, 6.4968, -30.5389**.

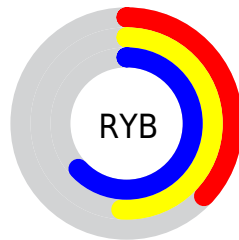
Distribution



Red (37%)

Green (63%)

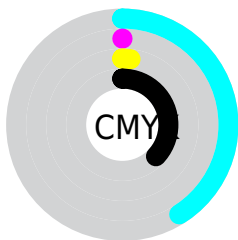
Blue (62%)



Red (37%)

Yellow (51%)

Blue (63%)

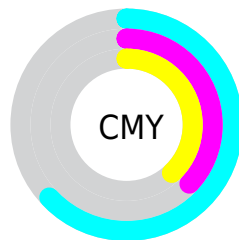


Cyan (41%)

Magenta (0%)

Yellow (2%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9240, 8.4185, -40.2753 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 140.9240, 8.4185, -40.2753 by changing the saturation by 10% instead.

■ 140.9240, 8.4185,
-40.2753

■ 140.9240, 8.4185,
-40.2753

■ 255.0000, 0.0000,
0.0000

■ 114.6250, 8.5659,
-40.8901

■ 195.6250, 8.5659,
-40.8901

■ 88.4400, 9.1501,
-41.6049

■ 224.2120, 8.2765,
-41.4049

■ 60.8520, 10.9190,
-48.9822

■ 240.0500, 7.3704,
-30.7388

■ 42.6470, 8.5550,
-37.4014

■ 248.7210, 3.0955,
-12.9103

■ 27.2250, 5.3121,
-23.8763

■ 10.2700, 3.8109,
-9.0068

■ 0.0000, 0.0000,

0.0000

■ 140.9240, 8.4185,
-40.2753

■ 140.9240, 8.4185,
-40.2753

■ 136.0260, 10.3402,
-50.0118

■ 145.8220, 6.4968,
-30.5389

■ 131.2420, 12.6987,
-59.8482

■ 150.6060, 4.1382,
-20.7025

■ 126.3440, 14.6204,
-69.5847

■ 155.5040, 2.2165,
-10.9660

■ 121.4460, 16.5421,
-79.3211

■ 160.4020, 0.2948,
-1.2296

■ 116.5480, 18.4638,
-89.0576

■ 165.5990, -1.7743,
9.1217

■ 112.0630, 20.6749,
-98.2793

■ 170.3830, -4.1328,
18.9581

■ 175.2810, -6.0545,
28.6946

■ 180.1790, -7.9762,
38.4310

■ 185.0770, -9.8980,
48.1675

Harmonies

Analogous

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



142.8410, -2.3866, -27.9246



140.9240, 8.4185, -40.2753



141.5030, 17.0070, -41.6601

Triad

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



140.9240, 8.4185, -40.2753



152.7960, 12.9186, 9.8259



150.2080, -18.8365, 21.7426

Complementary

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



140.9240, 8.4185, -40.2753



115.0760, -8.4185, 40.2753

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.



151.6420, -13.6275, 31.0090



140.9240, 8.4185, -40.2753



153.3050, 4.2866, 25.1655

Square

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



140.9240, 8.4185, -40.2753



150.1570, 18.6566, -10.6617



152.8300, -5.3392, 32.5981



147.6360, -18.0615, 6.4582

Rectangle

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



140.9240, 8.4185, -40.2753



144.2310, 19.6061, -35.2826



152.8300, -5.3392, 32.5981



150.8710, -17.6844, 25.5461

Sweetspot

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



140.9240, 8.4185, -40.2753



201.4110, 3.2484, -15.2694



134.6390, -19.5420, -32.1324



100.4010, 1.7743, -9.1217



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



140.9240, 8.4185, -40.2753



177.9320, 12.8515, -62.2074



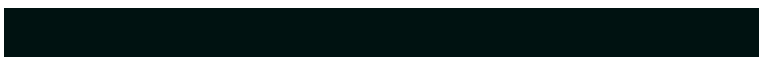
123.6560, 18.4106, -25.1313



79.1950, 0.8899, -5.4330



100.9610, 18.7532, -88.5428



12.5040, 2.2165, -10.9660

Inverse Universe

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



115.0760, -8.4185, 40.2753



137.9540, -13.2883, 62.3073



132.3440, -18.4106, 25.1313



75.8050, -0.8899, 5.4330



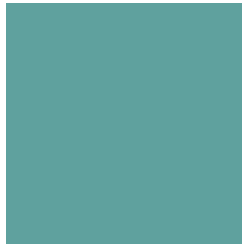
44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 140.9240, 8.4185, -40.2753 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 140.9240, 8.4185, -40.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

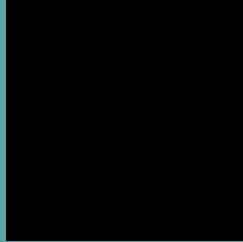
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.9240, 8.4185, -40.2753

Background



This preview shows how black text looks on a background with the YUV color 140.9240, 8.4185, -40.2753.



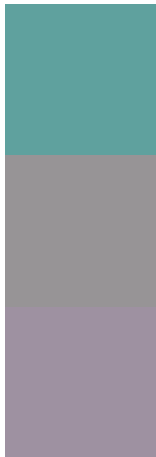
This preview shows how white text looks on a background with the YUV color 140.9240, 8.4185,

-40.2753.

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

140.9240, 8.4185, -40.2753

Protanopia

149.1250, 0.4314, 1.6444

Deuteranopia

150.7110, 5.0725, 6.3925



Tritanopia

142.5420, 14.5228, -38.1863

Trichromacy



Original Color

140.9240, 8.4185, -40.2753

Protanomaly

146.4220, 3.2430, -13.5251

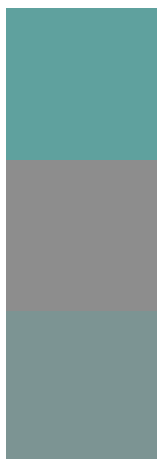
Deuteranomaly

147.2420, 6.2897, -10.7362

Tritanomaly

142.2600, 12.1968, -38.8160

Monochromacy



Original Color

140.9240, 8.4185, -40.2753

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7100, 3.1010, -14.6547

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9240, 8.4185, -40.2753 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(95, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(95, 161, 158)  
}
```

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(95, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 161, 158) }
```

Border

The CSS property to change the border of an element to YUV 140.9240, 8.4185, -40.2753 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(95, 161, 158) }
```


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

```
.border{ border-color:rgb(95, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(95, 161,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 140.9240, 8.4185, -40.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 161, 158) }
```

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

```
.background{ background-color: rgb(95, 161,  
158) }
```

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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