

Converting Colors

YUV(160.9400, -9.3374,
-38.5354)

Have a look what the booklet for
YUV(160.9400, -9.3374, -38.5354)
contains.

YUV(160.9400, -9.3374, -38.5354)	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(160.9400, -9.3374,
-38.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	75BB8E
RGB	117, 187, 142
RGB Percent	46%, 73%, 56%
CMY	0.5412, 0.2667, 0.4431
CMYK	0.37, 0.00, 0.24, 0.27
HSL	141°, 34%, 60%
HSV	141°, 37%, 73%
XYZ	29.9889, 41.2755, 31.9776
YIQ	160.9400, -27.2750, -28.8350

Conversions

Conversions Part 2

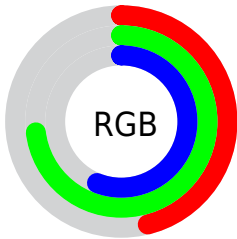
Format	Color
RYB	117, 169, 187
Decimal	7715726
CIELab	70.37, -31.89, 15.97
CIElCh	70, 35.663, 153.397
Yxy	41.2755, 0.2905, 0.3998
Android (android.graphics.Color)	4285905806 (0xFF75BB8E)
YUV	160.9400, -9.3374, -38.5354
Hunter-Lab	64.2461, -29.1099, 15.4615

Details

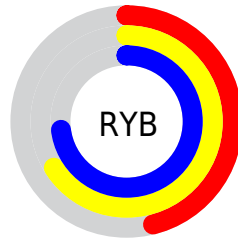
The YUV color **160.9400, -9.3374, -38.5354** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **143.0600, 9.3374, 38.5354**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7010, -10.2056, -40.0798**, and **107.6950, -7.7376, -38.3205** is the 20% darker color. If you saturate the color by 10%, you get **153.8910, -11.7783, -49.0164**, and if you desaturate by 10%, it is **167.9890, -6.8966, -28.0544**.

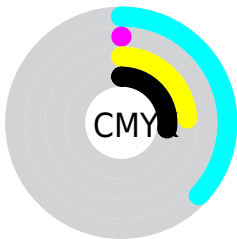
Distribution



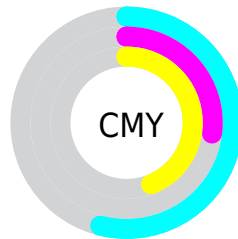
- Red (46%)
- Green (73%)
- Blue (56%)



- Red (46%)
- Yellow (66%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9400, -9.3374, -38.5354 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 160.9400, -9.3374, -38.5354 by changing the saturation by 10% instead.

■ 160.9400, -9.3374,
-38.5354

■ 160.9400, -9.3374,
-38.5354

255.0000, 0.0000,
0.0000

■ 134.3530, -9.0480,
-38.0206

■ 216.7010,
-10.2056, -40.0798

■ 107.6950, -7.7376,
-38.3205

■ 234.7220, -5.2859,
-31.3282

■ 82.5100, -7.1534,
-39.0353

■ 246.5850, 2.6696,
-16.2990

■ 54.7480, -4.8058,
-45.3830

■ 37.3690, -6.5909,
-32.7726

■ 22.3060, -10.9969,
-19.5624

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 160.9400, -9.3374,
-38.5354

■ 160.9400, -9.3374,
-38.5354

■ 153.8910,
-11.7783, -49.0164

■ 167.9890, -6.8966,
-28.0544

■ 147.1410,
-14.3665, -58.8827

■ 174.7390, -4.3083,
-18.1881

■ 140.0920,
-16.8074, -69.3637

■ 181.7880, -1.8675,
-7.7071

■ 133.0430,
-19.2482, -79.8447

■ 188.8370, 0.5734,
2.7740

■ 125.9940,
-21.6890, -90.3257

■ 195.8860, 3.0142,
13.2550

■ 119.2440,
-24.2773, -100.1920

■ 202.6360, 5.6025,
23.1212

■ 117.4070,
-24.8507, -102.9659

■ 209.6850, 8.0433,
33.6023

■ 213.1460, 12.2530,
36.7060

■ 214.5140, 17.4946,
35.5062

Harmonies

Analogous

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



166.2290, -24.2699, -8.9708



160.9400, -9.3374, -38.5354



154.2040, 10.2524, -68.5849

Triad

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



160.9400, -9.3374, -38.5354



168.5100, 33.2726, -32.0193



174.3350, -17.9132, 52.3262

Complementary

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



160.9400, -9.3374, -38.5354



143.0600, 9.3374, 38.5354

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.



175.6350, -2.7781, 51.1861



160.9400, -9.3374, -38.5354



174.9770, 25.1543, 5.2822

Square

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



160.9400, -9.3374, -38.5354



157.1480, 35.4230, -68.5358



176.8360, 12.4059, 34.3468



172.2120, -28.2055, 40.1561

Rectangle

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



160.9400, -9.3374, -38.5354



149.2480, 23.5417, -84.4095



176.8360, 12.4059, 34.3468



174.8990, -13.2612, 53.5856

Sweetspot

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



160.9400, -9.3374, -38.5354



232.2880, -3.5930, -14.2846



171.5450, -26.8907, -8.3710



116.0760, -2.0095, -8.8367



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



160.9400, -9.3374, -38.5354



201.4290, -14.5085, -60.0122



164.8160, 5.5137, -41.9346



90.6250, -1.2941, -4.9331



99.1300, -21.2631, -86.9370



19.4510, -4.1663, -17.0585

Inverse Universe

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



143.0600, 9.3374, 38.5354



173.5710, 14.5085, 60.0122



139.1840, -5.5137, 41.9346



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 160.9400, -9.3374, -38.5354 looks on a white background.

Color Contrast Check

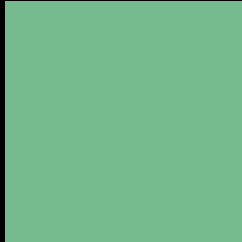
Large Text (above 18pt) WCAG AA × Fail

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 160.9400, -9.3374, -38.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

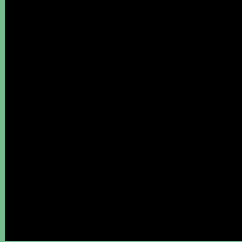
Any Text WCAG AA ✓ Pass

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 160.9400, -9.3374, -38.5354 Background



This preview shows how black text looks on a background with the YUV color 160.9400, -9.3374, -38.5354.



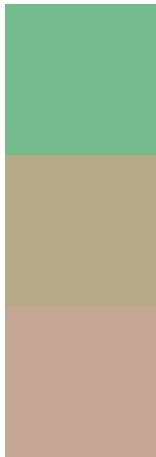
This preview shows how white text looks on a background with the YUV color 160.9400, -9.3374,

-38.5354.

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

160.9400, -9.3374, -38.5354

Protanopia

170.0710, -17.7830, 10.4617

Deuteranopia

172.5160, -12.5794, 21.4725



Tritanopia

166.0480, 13.7803, -33.3681

Trichromacy



Original Color

160.9400, -9.3374, -38.5354

Protanomaly

166.7590, -14.6712, -7.6816

Deuteranomaly

168.3130, -11.4933, -0.2745

Tritanomaly

164.4470, 5.2026, -35.4720

Monochromacy



Original Color

160.9400, -9.3374, -38.5354

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.7010, -3.3036, -13.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9400, -9.3374, -38.5354 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(117, 187, 142)` looks like.

```
.text, #text, p{  
    color:rgb(117, 187, 142)  
}
```

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(117, 187, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 187, 142) }
```

Border

The CSS property to change the border of an element to YUV 160.9400, -9.3374, -38.5354 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(117, 187, 142) }
```


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

```
.border{ border-color:rgb(117, 187, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 187, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 187, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 187, 142);  
box-shadow:4px 4px 4px 4px rgb(117, 187,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 160.9400, -9.3374, -38.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 187, 142) }
```

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

```
.background{ background-color: rgb(117,  
187, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor