

Converting Colors

YUV(109.0040, 13.8020,
-40.3455)

Have a look what the booklet for
YUV(109.0040, 13.8020, -40.3455)
contains.

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Color

**YUV(109.0040, 13.8020,
-40.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7F89
RGB	63, 127, 137
RGB Percent	25%, 50%, 54%
CMY	0.7529, 0.5020, 0.4627
CMYK	0.54, 0.07, 0.00, 0.46
HSL	188°, 37%, 39%
HSV	188°, 54%, 54%
XYZ	14.1546, 18.0416, 26.4033
YIQ	109.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

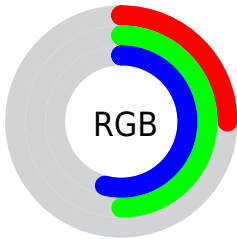
Format	Color
RYB	63, 97, 137
Decimal	4161417
CIELab	49.55, -17.50, -11.71
CIElCh	50, 21.056, 213.778
Yxy	18.0416, 0.2415, 0.3079
Android (android.graphics.Color)	4282351497 (0xFF3F7F89)
YUV	109.0040, 13.8020, -40.3455
Hunter-Lab	42.4755, -14.8483, -7.1226

Details

The YUV color **109.0040, 13.8020, -40.3455** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.9960, -13.8020, 40.3455**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3030, 13.6546, -39.7307**, and **55.7040, 15.4289, -48.8524** is the 20% darker color. If you saturate the color by 10%, you get **103.6440, 16.4445, -47.9228**, and if you desaturate by 10%, it is **114.3640, 11.1595, -32.7682**.

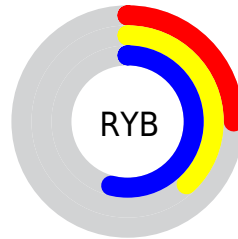
Distribution



Red (25%)

Green (50%)

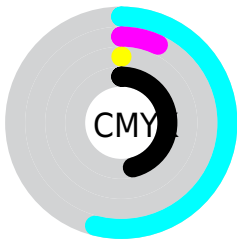
Blue (54%)



Red (25%)

Yellow (38%)

Blue (54%)

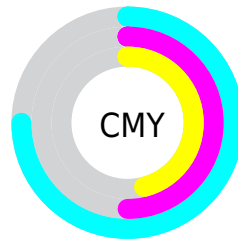


Cyan (54%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0040, 13.8020, -40.3455 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 109.0040, 13.8020, -40.3455 by changing the saturation by 10% instead.

■ 109.0040, 13.8020,
-40.3455

■ 109.0040, 13.8020,
-40.3455

■ 255.0000, 0.0000,
0.0000

■ 82.8080, 14.3917,
-42.8046

■ 162.3030, 13.6546,
-39.7307

■ 55.7040, 15.4289,
-48.8524

■ 190.0040, 13.8020,
-40.3455

■ 39.5810, 12.0386,
-34.7125

■ 218.1180, 14.2388,
-40.4455

■ 24.1590, 8.7956,
-21.1874

■ 238.5550, 8.1074,
-33.8127

■ 3.0950, 9.3202,
-2.7143

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 109.0040, 13.8020,
-40.3455

■ 109.0040, 13.8020,
-40.3455

■ 103.6440, 16.4445,
-47.9228

■ 114.3640, 11.1595,
-32.7682

■ 98.5830, 18.9396,
-54.8853

■ 119.4250, 8.6645,
-25.8057

■ 93.2230, 21.5821,
-62.4626

■ 124.7850, 6.0220,
-18.2284

■ 88.4500, 23.9352,
-70.5546

■ 129.5580, 3.6689,
-10.1364

■ 84.8840, 25.6932,
-74.4433

■ 134.9180, 1.0264,
-2.5591

■ 139.9790, -1.4686,
4.4034

■ 145.3390, -4.1111,
11.9807

■ 150.6990, -6.7536,

19.5580

■ 155.7600, -9.2487,
26.5205

Harmonies

Analogous

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



109.7460, 5.0552, -34.8572



109.0040, 13.8020, -40.3455



112.1990, 18.1429, -32.6235

Triad

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



109.0040, 13.8020, -40.3455



120.8420, 6.4869, 19.4326



116.2990, -16.9094, 10.2618

Complementary

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



109.0040, 13.8020, -40.3455



90.9960, -13.8020, 40.3455

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.



118.0170, -15.7844, 22.7871



109.0040, 13.8020, -40.3455



120.6060, -2.2708, 28.4095

Square

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



109.0040, 13.8020, -40.3455



119.2790, 13.6665, 3.2633



119.2550, -9.9857, 29.5944



114.8240, -13.2242, -5.1076

Rectangle

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



109.0040, 13.8020, -40.3455



115.3790, 18.5472, -22.2574



119.2550, -9.9857, 29.5944



116.9190, -17.2151, 14.9800

Sweetspot

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



109.0040, 13.8020, -40.3455



167.9810, 5.4324, -15.7693



107.5780, -17.0470, -39.0949



82.7430, 3.0847, -9.4216



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



109.0040, 13.8020, -40.3455



134.6250, 21.8769, -63.6921



87.2850, 24.5095, -21.2979



66.3200, 1.3212, -3.7886



82.6670, 24.8142, -72.4990



2.9180, 1.0264, -2.5591

Inverse Universe

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



92.4220, 17.0470, 39.0949



108.4970, 26.8700, 61.8311



112.7150, -24.5095, 21.2979



64.7770, 1.5889, 3.7036



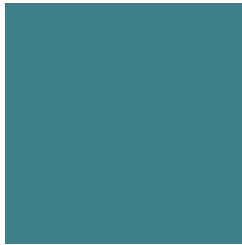
52.8770, 30.6266, 70.2679



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 109.0040, 13.8020, -40.3455 looks on a white background.

Color Contrast Check

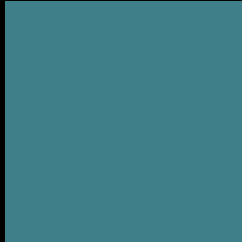
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.0040, 13.8020, -40.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

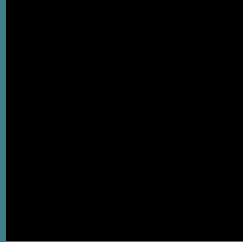
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.0040, 13.8020, -40.3455 Background



This preview shows how black text looks on a background with the YUV color 109.0040, 13.8020, -40.3455.

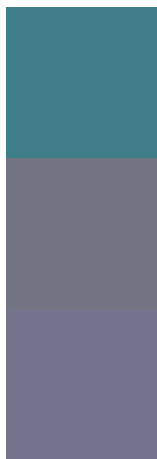


This preview shows how white text looks on a background with the YUV color 109.0040, 13.8020,

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

109.0040, 13.8020, -40.3455

Protanopia

117.2970, 6.2626, -2.0145

Deuteranopia

118.7470, 10.4777, -0.6551



Tritanopia

109.0040, 13.8020, -40.3455

Trichromacy



Original Color

109.0040, 13.8020, -40.3455

Protanomaly

114.3060, 9.2161, -16.0544

Deuteranomaly

115.0010, 11.8315, -14.9099

Tritanomaly

109.0040, 13.8020, -40.3455

Monochromacy



Original Color

109.0040, 13.8020, -40.3455

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1660, 4.8482, -15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0040, 13.8020, -40.3455 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, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(63, 127, 137)  
}
```

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, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 127, 137) }
```

Border

The CSS property to change the border of an element to YUV 109.0040, 13.8020, -40.3455 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, 127, 137) }
```


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

```
.border{ border-color:rgb(63, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(63, 127,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 109.0040, 13.8020, -40.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 127, 137) }
```

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

```
.background{ background-color: rgb(63, 127,  
137) }
```

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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