

Converting Colors

YUV(108.0840, 19.1856,
-40.4157)

Have a look what the booklet for
YUV(108.0840, 19.1856, -40.4157)
contains.

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Color

**YUV(108.0840, 19.1856,
-40.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7C93
RGB	62, 124, 147
RGB Percent	24%, 49%, 58%
CMY	0.7569, 0.5137, 0.4235
CMYK	0.58, 0.16, 0.00, 0.42
HSL	196°, 41%, 41%
HSV	196°, 58%, 58%
XYZ	14.4607, 17.5460, 30.2283
YIQ	108.0840, -44.3350, -5.9910

Conversions

Conversions Part 2

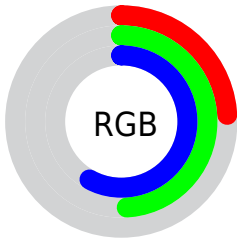
Format	Color
R _Y B	62, 98, 147
Decimal	4095123
CIE Lab	48.94, -12.99, -18.50
CIE LCh	49, 22.611, 234.924
Yxy	17.5460, 0.2324, 0.2819
Android (android.graphics.Color)	4282285203 (0xFF3E7C93)
YUV	108.0840, 19.1856, -40.4157
Hunter-Lab	41.8880, -11.6815, -13.4649

Details

The YUV color **108.0840, 19.1856, -40.4157** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **100.9160, -19.1856, 40.4157**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7960, 19.3276, -39.2861**, and **54.9690, 20.2283, -48.2078** is the 20% darker color. If you saturate the color by 10%, you get **101.2510, 22.5543, -47.5781**, and if you desaturate by 10%, it is **114.9170, 15.8169, -33.2532**.

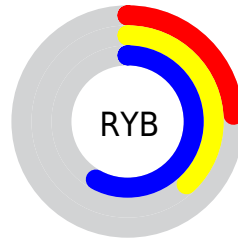
Distribution



Red (24%)

Green (49%)

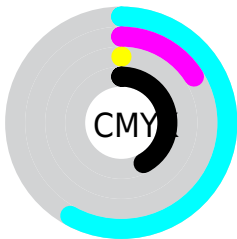
Blue (58%)



Red (24%)

Yellow (38%)

Blue (58%)

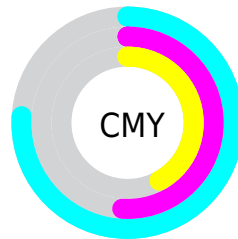


Cyan (58%)

Magenta (16%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0840, 19.1856, -40.4157 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 108.0840, 19.1856, -40.4157 by changing the saturation by 10% instead.

■ 108.0840, 19.1856,
-40.4157

■ 108.0840, 19.1856,
-40.4157

■ 255.0000, 0.0000,
0.0000

■ 81.4750, 19.4858,
-43.3896

■ 161.7960, 19.3276,
-39.2861

■ 54.9690, 20.2283,
-48.2078

■ 188.9100, 19.7644,
-39.3861

■ 38.8460, 16.8379,
-34.0679

■ 216.6820, 18.8908,
-39.1861

■ 23.8970, 12.8688,
-20.9577

■ 238.8540, 7.9600,
-33.1980

■ 4.4800, 12.0884,
-3.9290

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 108.0840, 19.1856,
-40.4157

■ 108.0840, 19.1856,
-40.4157

■ 101.2510, 22.5543,
-47.5781

■ 114.9170, 15.8169,
-33.2532

■ 94.7170, 25.7755,
-54.1258

■ 121.4510, 12.5957,
-26.7055

■ 87.8840, 29.1442,
-61.2883

■ 128.2840, 9.2270,
-19.5431

■ 81.0510, 32.5129,
-68.4507

■ 135.1170, 5.8583,
-12.3806

■ 79.5670, 33.2445,
-69.7803

■ 141.9500, 2.4897,
-5.2181

■ 148.4840, -0.7316,
1.3295

■ 155.3170, -4.1003,
8.4920

■ 162.1500, -7.4690,

15.6544

■ 168.6840,
-10.6902, 22.2021

Harmonies

Analogous

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



106.0420, 12.7973, -44.7638



108.0840, 19.1856, -40.4157



113.1230, 20.1524, -23.7869

Triad

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



108.0840, 19.1856, -40.4157



118.7030, 0.6394, 28.3245



113.4610, -16.0033, -0.4043

Complementary

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



108.0840, 19.1856, -40.4157



100.9160, -19.1856, 40.4157

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.



115.5770, -18.5255, 15.2800



108.0840, 19.1856, -40.4157



118.0210, -8.3914, 31.5536

Square

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



108.0840, 19.1856, -40.4157



119.3300, 9.6973, 16.3736



117.4520, -15.5058, 26.7906



110.7130, -8.2395, -17.2883

Rectangle

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



108.0840, 19.1856, -40.4157



116.3420, 18.0724, -9.9469



117.4520, -15.5058, 26.7906



114.1520, -17.3299, 5.1287

Sweetspot

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



108.0840, 19.1856, -40.4157



176.1490, 7.3215, -15.0397



114.5170, -14.5519, -46.0574



88.3840, 4.2477, -9.1068



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



108.0840, 19.1856, -40.4157



130.9870, 29.5864, -63.1326



83.4300, 31.3400, -18.7941



70.7330, 1.6106, -3.2738



74.4320, 31.3390, -65.2769



5.2490, 2.3422, -4.6034

Inverse Universe

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



94.4830, 14.5519, 46.0574



109.5260, 22.9117, 71.4527



125.5700, -31.3400, 18.7941



69.6630, 1.1521, 3.8035



52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 108.0840, 19.1856, -40.4157 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 108.0840, 19.1856, -40.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

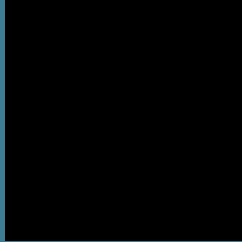
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.0840, 19.1856, -40.4157

Background



This preview shows how black text looks on a background with the YUV color 108.0840, 19.1856, -40.4157.



This preview shows how white text looks on a background with the YUV color 108.0840, 19.1856, -40.4157.

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

108.0840, 19.1856, -40.4157

Protanopia

116.3550, 11.6570, -5.5733

Deuteranopia

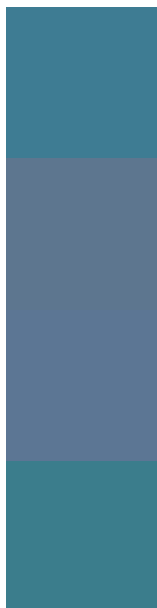
116.4950, 16.0250, -6.5731



Tritanopia

106.5090, 14.5391, -43.4194

Trichromacy



Original Color

108.0840, 19.1856, -40.4157

Protanomaly

113.3750, 14.6051, -17.8689

Deuteranomaly

113.6460, 16.9365, -18.9835

Tritanomaly

106.9760, 16.2808, -42.0750

Monochromacy



Original Color

108.0840, 19.1856, -40.4157

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0350, 6.8847, -14.9397

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0840, 19.1856, -40.4157 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(62, 124, 147)` looks like.

```
.text, #text, p{  
    color:rgb(62, 124, 147)  
}
```

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(62, 124, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 124, 147) }
```

Border

The CSS property to change the border of an element to YUV 108.0840, 19.1856, -40.4157 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(62, 124, 147) }
```


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

```
.border{ border-color:rgb(62, 124, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 124, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 124, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 124, 147);  
box-shadow:4px 4px 4px 4px rgb(62, 124,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 108.0840, 19.1856, -40.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 124, 147) }
```

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

```
.background{ background-color: rgb(62, 124,  
147) }
```

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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