

Converting Colors

YUV(60.9840, 17.7559, -1.7400)

Have a look what the booklet for
YUV(60.9840, 17.7559, -1.7400)
contains.

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Color

**YUV(60.9840, 17.7559,
-1.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3761
RGB	59, 55, 97
RGB Percent	23%, 22%, 38%
CMY	0.7686, 0.7843, 0.6196
CMYK	0.39, 0.43, 0.00, 0.62
HSL	246°, 28%, 30%
HSV	246°, 43%, 38%
XYZ	5.3275, 4.5253, 11.9019
YIQ	60.9840, -11.0980, 13.9100

Conversions

Conversions Part 2

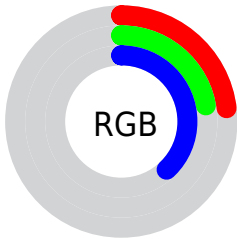
Format	Color
R_YB	59, 55, 97
Decimal	3880801
CIE Lab	25.34, 13.17, -24.36
CIE LCh	25, 27.692, 298.409
Yxy	4.5253, 0.2449, 0.2080
Android (android.graphics.Color)	4282070881 (0xFF3B3761)
YUV	60.9840, 17.7559, -1.7400
Hunter-Lab	21.2726, 7.4762, -18.2816

Details

The YUV color **60.9840, 17.7559, -1.7400** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.0160, -17.7559, 1.7400**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0380, 19.2083, -0.9103**, and **16.6310, 16.4509, -3.1844** is the 20% darker color. If you saturate the color by 10%, you get **52.4230, 21.9765, -2.1250**, and if you desaturate by 10%, it is **69.5450, 13.5353, -1.3550**.

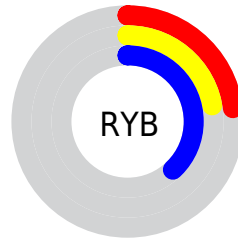
Distribution



 Red (23%)

 Green (22%)

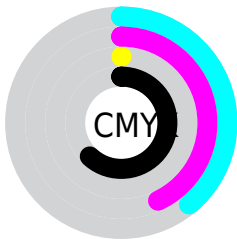
 Blue (38%)



 Red (23%)

 Yellow (22%)

 Blue (38%)

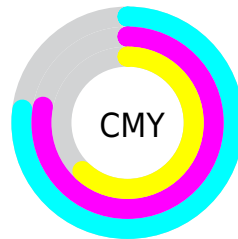


 Cyan (39%)

 Magenta (43%)

 Yellow (0%)

 Black (62%)



 Cyan (77%)

 Magenta (78%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.9840, 17.7559, -1.7400 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 60.9840, 17.7559, -1.7400 by changing the saturation by 10% instead.

■ 60.9840, 17.7559,
-1.7400

■ 60.9840, 17.7559,
-1.7400

■ 255.0000, 0.0000,
0.0000

■ 39.0440, 16.7403,
-2.6696

■ 109.0380, 19.2083,
-0.9103

■ 16.6310, 16.4509,
-3.1844

■ 134.5650, 19.9345,
-0.4955

■ 4.4800, 12.0884,
-3.9290

■ 160.6790, 20.3713,
-0.5955

■ 0.0000, 0.0000,
0.0000

■ 187.5050, 20.9500,
0.4341

■ 215.1630, 19.6396,
0.7340

■ 239.9710, 7.4093,

3.5334

■ 60.9840, 17.7559,
-1.7400

■ 60.9840, 17.7559,
-1.7400

■ 52.4230, 21.9765,
-2.1250

■ 69.5450, 13.5353,
-1.3550

■ 44.4490, 25.9076,
-3.0248

■ 77.5190, 9.6041,
-0.4552

■ 36.1870, 29.9808,
-2.7950

■ 85.7810, 5.5310,
-0.6849

■ 27.6260, 34.2014,
-3.1800

■ 94.3420, 1.3104,
-0.2999

■ 19.6520, 38.1326,
-4.0798

■ 102.3160, -2.6208,
0.5999

■ 13.7490, 41.0427,
-4.1649

■ 110.8770, -6.8414,
0.9849

■ 119.1390,
-10.9145, 0.7551

■ 127.7000,
-15.1351, 1.1401

■ 135.6740,
-19.0663, 2.0399

Harmonies

Analogous

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



50.7020, 25.2899, -38.3267



60.9840, 17.7559, -1.7400



62.3520, 9.6865, 19.8623

Triad

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



60.9840, 17.7559, -1.7400



59.2840, -17.3950, 26.0609



47.7020, 5.0769, -41.8347

Complementary

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



60.9840, 17.7559, -1.7400



91.0160, -17.7559, 1.7400

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.



51.8970, -7.3442, -24.4657



60.9840, 17.7559, -1.7400



58.2840, -20.8460, 12.9059

Square

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



60.9840, 17.7559, -1.7400



59.8040, -9.2704, 33.4979



56.0970, -17.3028, -3.5931



50.0960, 14.2497, -43.9342

Rectangle

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



60.9840, 17.7559, -1.7400



61.2130, 3.8390, 28.7542



56.0970, -17.3028, -3.5931



46.9040, 2.0193, -41.1348

Sweetspot

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



60.9840, 17.7559, -1.7400



111.1230, 6.8414, -0.9849



82.6810, 7.0593, -24.2762



55.4390, 4.2206, -0.3850



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



60.9840, 17.7559, -1.7400



69.2040, 27.5074, -2.8099



66.9640, 14.8077, 10.5556



44.4560, 1.7472, -0.3999



16.0570, 47.2999, -4.4350



34.2370, 101.4412, -9.8548

Inverse Universe

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



71.8900, 10.4072, 22.0215



86.1610, 16.1896, 34.0618



85.0360, -14.8077, -10.5556



45.6520, 1.1576, 2.0592



45.1160, 28.0438, 58.6573



96.4980, 59.4075, 125.8513

Previews

White Background



This preview shows how the YUV color 60.9840, 17.7559, -1.7400 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 ✓ Pass

Black Background



This preview shows how the YUV color 60.9840, 17.7559, -1.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

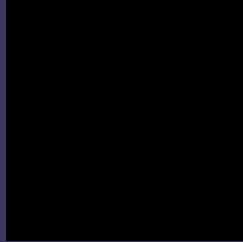
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9840, 17.7559, -1.7400

Background



This preview shows how black text looks on a background with the YUV color 60.9840, 17.7559, -1.7400.



This preview shows how white text looks on a background with the YUV color 60.9840, 17.7559,

-1.7400.

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

60.9840, 17.7559, -1.7400

Protanopia

58.8900, 20.2672, -13.9355

Deuteranopia

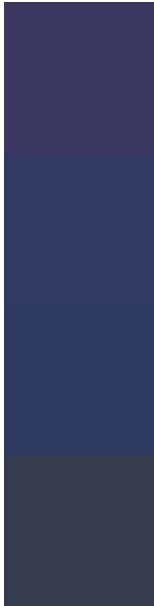
58.1240, 18.6729, -15.8947



Tritanopia

59.5800, 3.6581, -6.6477

Trichromacy



Original Color

60.9840, 17.7559, -1.7400

Protanomaly

59.9830, 19.2354, -9.6321

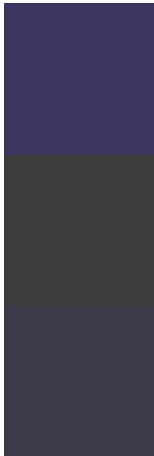
Deuteranomaly

59.0430, 18.2198, -10.5617

Tritanomaly

59.9700, 8.8888, -4.3587

Monochromacy



Original Color

60.9840, 17.7559, -1.7400

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9840, 17.7559, -1.7400 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(59, 55, 97)` looks like.

```
.text, #text, p{  
    color:rgb(59, 55, 97)  
}
```

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(59, 55, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 55, 97) }
```

Border

The CSS property to change the border of an element to YUV 60.9840, 17.7559, -1.7400 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(59, 55, 97) }
```


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

```
.border{ border-color:rgb(59, 55, 97) }
```

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

Here you see how a box with a 4 pixel rgb(59, 55, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 55, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 55, 97);  
box-shadow:4px 4px 4px 4px rgb(59, 55, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.9840, 17.7559, -1.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 55, 97) }
```

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

```
.background{ background-color: rgb(59, 55,  
97) }
```

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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