

Converting Colors

YUV(81.5380, 34.2448,
-17.1348)

Have a look what the booklet for
YUV(81.5380, 34.2448, -17.1348)
contains.

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Color

**YUV(81.5380, 34.2448,
-17.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4E97
RGB	62, 78, 151
RGB Percent	24%, 31%, 59%
CMY	0.7569, 0.6941, 0.4078
CMYK	0.59, 0.48, 0.00, 0.41
HSL	229°, 42%, 42%
HSV	229°, 59%, 59%
XYZ	10.2969, 8.7073, 30.4161
YIQ	81.5380, -32.9690, 19.3110

Conversions

Conversions Part 2

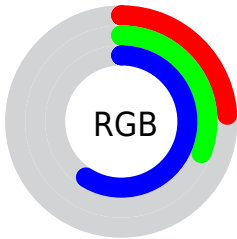
Format	Color
RYB	62, 76, 151
Decimal	4083351
CIELab	35.41, 16.74, -42.10
CIElCh	35, 45.302, 291.688
Yxy	8.7073, 0.2084, 0.1762
Android (android.graphics.Color)	4282273431 (0xFF3E4E97)
YUV	81.5380, 34.2448, -17.1348
Hunter-Lab	29.5081, 10.6488, -40.4588

Details

The YUV color **81.5380, 34.2448, -17.1348** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **131.4620, -34.2448, 17.1348**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0160, 35.9811, -14.0460**, and **31.2440, 33.4037, -27.4010** is the 20% darker color. If you saturate the color by 10%, you get **70.0090, 39.9286, -20.1789**, and if you desaturate by 10%, it is **93.0670, 28.5610, -14.0908**.

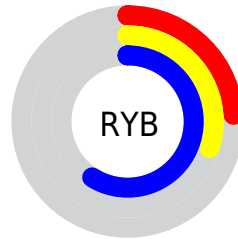
Distribution



Red (24%)

Green (31%)

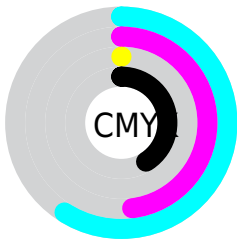
Blue (59%)



Red (24%)

Yellow (30%)

Blue (59%)

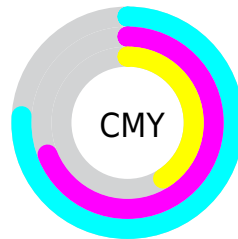


Cyan (59%)

Magenta (48%)

Yellow (0%)

Black (41%)



Cyan (76%)

Magenta (69%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5380, 34.2448, -17.1348 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 81.5380, 34.2448, -17.1348 by changing the saturation by 10% instead.

■ 81.5380, 34.2448,
-17.1348

■ 81.5380, 34.2448,
-17.1348

■ 255.0000, 0.0000,
0.0000

■ 56.1030, 33.9662,
-21.1383

■ 133.0160, 35.9811,
-14.0460

■ 31.2440, 33.4037,
-27.4010

■ 159.5430, 36.7073,
-13.6312

■ 16.7680, 28.7084,
-14.7055

■ 185.5710, 34.2285,
-11.9018

■ 8.2760, 21.5559,
-7.2581

■ 210.6780, 21.8507,
-8.4876

■ 4.5940, 12.5252,
-4.0289

■ 235.7850, 9.4730,
-5.0734

■ 0.0000, 0.0000,
0.0000

■ 81.5380, 34.2448,
-17.1348

■ 81.5380, 34.2448,
-17.1348

■ 70.0090, 39.9286,
-20.1789

■ 93.0670, 28.5610,
-14.0908

■ 57.8930, 45.9018,
-22.7082

■ 105.1830, 22.5878,
-11.5615

■ 46.3640, 51.5855,
-25.7522

■ 116.7120, 16.9040,
-8.5174

■ 34.2480, 57.5587,
-28.2815

■ 128.8280, 10.9308,
-5.9882

■ 33.0630, 58.1429,
-28.9963


■ 140.6560, 5.0996,
-2.3293

■ 152.1850, -0.5842,
0.7148

■ 164.3010, -6.5574,
3.2440

■ 175.8300,

-12.2412, 6.2881

 187.3590,
-17.9250, 9.3322

Harmonies

Analogous

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



71.0870, 41.3691, -62.3433



81.5380, 34.2448, -17.1348



85.4960, 21.4475, 27.6290

Triad

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



81.5380, 34.2448, -17.1348



80.0110, -26.6274, 47.3484



66.3210, 2.7997, -58.1635

Complementary

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



81.5380, 34.2448, -17.1348



131.4620, -34.2448, 17.1348

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.



67.8170, -16.1788, -37.5505



81.5380, 34.2448, -17.1348



78.3770, -38.6399, 26.8564

Square

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



81.5380, 34.2448, -17.1348



79.4420, -10.0779, 59.2484



74.7820, -36.3745, 0.1912



71.1260, 18.6719, -62.3775

Rectangle

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



81.5380, 34.2448, -17.1348



83.0980, 11.7837, 47.2721



74.7820, -36.3745, 0.1912



64.8390, -2.8786, -56.8638

Sweetspot

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



81.5380, 34.2448, -17.1348



168.5120, 13.5516, -6.5880



122.5650, 6.1305, -53.1155



82.7420, 8.0152, -4.1587



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



81.5380, 34.2448, -17.1348



87.5210, 53.4801, -26.7669



80.5180, 34.7476, 8.3157



70.4990, 3.2050, -1.3146



30.6350, 53.9169, -26.8669



2.6560, 5.0996, -2.3293

Inverse Universe

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



90.4350, -6.1305, 53.1155



101.4110, -9.5696, 82.9546



132.4820, -34.7476, -8.3157



71.5060, -0.7425, 4.8182



44.7100, -9.7170, 83.5693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 81.5380, 34.2448, -17.1348 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 81.5380, 34.2448, -17.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

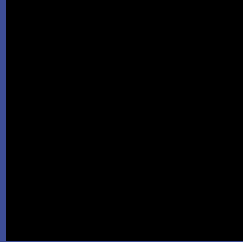
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5380, 34.2448, -17.1348

Background



This preview shows how black text looks on a background with the YUV color 81.5380, 34.2448, -17.1348.



This preview shows how white text looks on a background with the YUV color 81.5380, 34.2448, -17.1348.

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

81.5380, 34.2448, -17.1348

Protanopia

78.5580, 37.1929, -29.4304

Deuteranopia

70.7680, 38.5684, -50.6625



Tritanopia

75.6630, 11.0121, -32.1535

Trichromacy



Original Color

81.5380, 34.2448, -17.1348

Protanomaly

79.6510, 36.1611, -25.1269

Deuteranomaly

74.5030, 37.2200, -38.1521

Tritanomaly

77.8730, 19.2896, -27.0756

Monochromacy



Original Color

81.5380, 34.2448, -17.1348

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1700, 12.2412, -6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5380, 34.2448, -17.1348 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, 78, 151)` looks like.

```
.text, #text, p{  
    color:rgb(62, 78, 151)  
}
```

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, 78, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 78, 151) }
```

Border

The CSS property to change the border of an element to YUV 81.5380, 34.2448, -17.1348 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, 78, 151) }
```


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

```
.border{ border-color:rgb(62, 78, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 78, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 78, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 78, 151);  
box-shadow:4px 4px 4px 4px rgb(62, 78,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 81.5380, 34.2448, -17.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 78, 151) }
```

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

```
.background{ background-color: rgb(62, 78,  
151) }
```

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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