

Converting Colors

YUV(81.7360, 20.3432,
-38.3565)

Have a look what the booklet for
YUV(81.7360, 20.3432, -38.3565)
contains.

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Color

**YUV(81.7360, 20.3432,
-38.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	26607B
RGB	38, 96, 123
RGB Percent	15%, 38%, 48%
CMY	0.8510, 0.6235, 0.5176
CMYK	0.69, 0.22, 0.00, 0.52
HSL	199°, 53%, 32%
HSV	199°, 69%, 48%
XYZ	8.5574, 10.2079, 20.2582
YIQ	81.7360, -43.2350, -3.8990

Conversions

Conversions Part 2

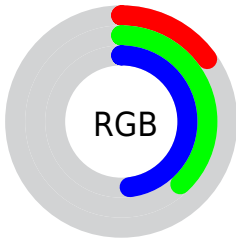
Format	Color
R_{YB}	38, 72, 123
Decimal	2515067
CIE _{Lab}	38.21, -9.58, -20.71
CIE _{LCh}	38, 22.814, 245.174
Yxy	10.2079, 0.2193, 0.2616
Android (android.graphics.Color)	4280705147 (0xFF26607B)
YUV	81.7360, 20.3432, -38.3565
Hunter-Lab	31.9498, -8.1030, -15.2288




Details

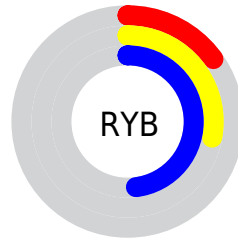
The YUV color **81.7360, 20.3432, -38.3565** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **79.2640, -20.3432, 38.3565**, and the grayscale version is **82.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **134.4590, 20.4797, -35.4825**, and **37.7860, 17.8535, -33.1383** is the 20% darker color. If you saturate the color by 10%, you get **75.8000, 23.2696, -43.6746**, and if you desaturate by 10%, it is **87.6720, 17.4167, -33.0383**.

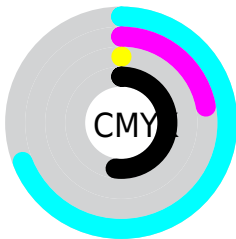
Distribution







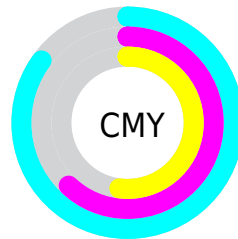
-  Red (15%)
-  Green (38%)
-  Blue (48%)






-  Red (15%)
-  Yellow (28%)
-  Blue (48%)



-  Cyan (69%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (62%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7360, 20.3432, -38.3565 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 81.7360, 20.3432, -38.3565 by changing the saturation by 10% instead.

81.7360, 20.3432,
-38.3565

81.7360, 20.3432,
-38.3565

255.0000, 0.0000,
0.0000

53.4360, 21.9701,
-46.8634

134.4590, 20.4797,
-35.4825

37.7860, 17.8535,
-33.1383

160.8720, 20.7691,
-34.9677

22.8370, 13.8844,
-20.0280

187.9860, 21.2059,
-35.0677

4.5940, 12.5252,
-4.0289

215.5300, 19.4587,
-34.6678

0.1140, 0.4368,
-0.1000

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.4220, 3.2430,

-13.5251

■ 81.7360, 20.3432,
-38.3565

■ 81.7360, 20.3432,
-38.3565

■ 75.8000, 23.2696,
-43.6746

■ 87.6720, 17.4167,
-33.0383

■ 69.5650, 26.3435,
-49.6075

■ 93.9070, 14.3428,
-27.1054

■ 63.6290, 29.2699,
-54.9256

■ 99.8430, 11.4164,
-21.7873

■ 63.3300, 29.4173,
-55.5404

■ 105.7790, 8.4900,
-16.4692

■ 111.7150, 5.5635,
-11.1511

■ 117.3630, 2.7790,
-4.7034

■ 123.2990, -0.1474,
0.6148

■ 129.2350, -3.0739,
5.9329

■ 135.4700, -6.1477,
11.8658

Harmonies

Analogous

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



76.1490, 17.1815, -50.9967



81.7360, 20.3432, -38.3565



88.4120, 18.5309, -17.0243

Triad

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



81.7360, 20.3432, -38.3565



91.9050, -2.4182, 29.0243



86.1120, -13.3662, -6.2372

Complementary

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



81.7360, 20.3432, -38.3565



79.2640, -20.3432, 38.3565

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.



88.4730, -17.4882, 9.2322



81.7360, 20.3432, -38.3565



91.1410, -10.4225, 29.6943

Square

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



81.7360, 20.3432, -38.3565



92.5540, 6.6289, 20.5621



90.1910, -16.3632, 21.7575



83.5920, -4.7289, -23.3212

Rectangle

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



81.7360, 20.3432, -38.3565



90.8160, 15.8667, -2.4696



90.1910, -16.3632, 21.7575



87.2760, -15.4191, -1.1191

Sweetspot

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



81.7360, 20.3432, -38.3565



144.3770, 8.1951, -15.2396



90.9730, -12.8047, -46.4573



71.6120, 5.1213, -9.3067



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



81.7360, 20.3432, -38.3565



95.6930, 32.1964, -60.2438



57.0820, 32.4976, -16.7349



58.0320, 1.4632, -2.6591



64.1450, 30.0015, -56.2552



129.6920, 60.2978, -113.7399

Inverse Universe

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



70.0270, 12.8047, 46.4573



77.4400, 19.9961, 73.2821



103.9180, -32.4976, 16.7349



57.2500, 0.8628, 3.2887



47.0650, 18.7020, 68.3490



94.9560, 37.9827, 137.7276

Previews

White Background



This preview shows how the YUV color 81.7360, 20.3432, -38.3565 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 81.7360, 20.3432, -38.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

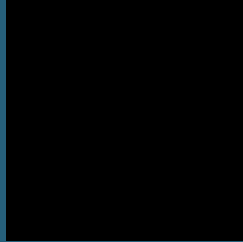
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7360, 20.3432, -38.3565

Background



This preview shows how black text looks on a background with the YUV color 81.7360, 20.3432, -38.3565.



This preview shows how white text looks on a background with the YUV color 81.7360, 20.3432,

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

81.7360, 20.3432, -38.3565

Protanopia

90.0990, 13.2622, -7.1028

Deuteranopia

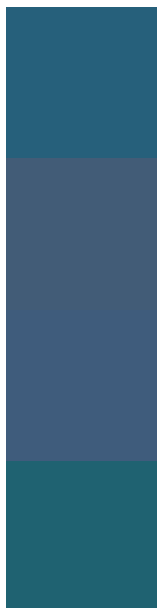
89.8150, 17.3462, -10.3618



Tritanopia

78.3840, 14.1077, -45.0638

Trichromacy



Original Color

81.7360, 20.3432, -38.3565

Protanomaly

87.3040, 15.6261, -18.6836

Deuteranomaly

86.9770, 18.2523, -21.0278

Tritanomaly

79.6770, 16.4282, -42.6897

Monochromacy



Original Color

81.7360, 20.3432, -38.3565

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7360, 20.3432, -38.3565 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(38, 96, 123)` looks like.

```
.text, #text, p{  
    color:rgb(38, 96, 123)  
}
```

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(38, 96, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 96, 123) }
```

Border

The CSS property to change the border of an element to YUV 81.7360, 20.3432, -38.3565 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(38, 96, 123) }
```


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

```
.border{ border-color:rgb(38, 96, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 96, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 96, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 96, 123);  
box-shadow:4px 4px 4px 4px rgb(38, 96,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 81.7360, 20.3432, -38.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 96, 123) }
```

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

```
.background{ background-color: rgb(38, 96,  
123) }
```

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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