

Converting Colors

YUV(80.2060, 3.8424, -65.9557)

Have a look what the booklet for
YUV(80.2060, 3.8424, -65.9557)
contains.

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Color

**YUV(80.2060, 3.8424,
-65.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	057558
RGB	5, 117, 88
RGB Percent	2%, 46%, 35%
CMY	0.9804, 0.5412, 0.6549
CMYK	0.96, 0.00, 0.25, 0.54
HSL	164°, 92%, 24%
HSV	164°, 96%, 46%
XYZ	8.1853, 13.4594, 11.3990
YIQ	80.2060, -57.4430, -32.7630

Conversions

Conversions Part 2

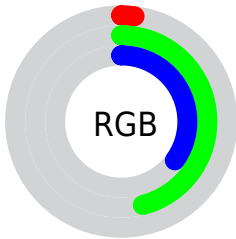
Format	Color
RYB	5, 69, 117
Decimal	357720
CIELab	43.45, -35.44, 8.23
CIELCh	43, 36.382, 166.918
Yxy	13.4594, 0.2477, 0.4073
Android (android.graphics.Color)	4278547800 (0xFF057558)
YUV	80.2060, 3.8424, -65.9557
Hunter-Lab	36.6871, -24.3769, 7.2590

Details

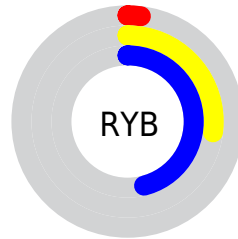
The YUV color **80.2060, 3.8424, -65.9557** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **41.7940, -3.8424, 65.9557**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5450, -0.2687, -53.9750**, and **44.8180, -0.8963, -39.3054** is the 20% darker color. If you saturate the color by 10%, you get **78.5970, 4.1427, -68.9296**, and if you desaturate by 10%, it is **84.1360, 3.3840, -58.8783**.

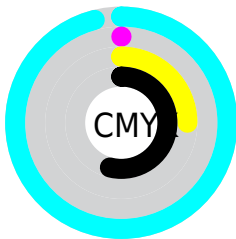
Distribution



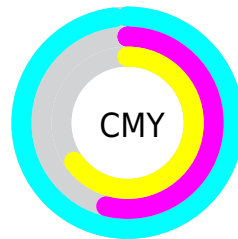
- Red (2%)
- Green (46%)
- Blue (35%)



- Red (2%)
- Yellow (27%)
- Blue (46%)



- Cyan (96%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (98%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2060, 3.8424, -65.9557 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 80.2060, 3.8424, -65.9557 by changing the saturation by 10% instead.

80.2060, 3.8424,
-65.9557

80.2060, 3.8424,
-65.9557

255.0000, 0.0000,
0.0000

61.4140, 1.7679,
-53.8601

138.5450, -0.2687,
-53.9750

44.8180, -0.8963,
-39.3054

165.7300, -0.8529,
-53.2602

28.9230, -3.4130,
-25.3655

194.2030, -1.5791,
-53.6750

11.7400, -5.7878,
-10.2960

222.7900, -1.8685,
-54.1898

0.0000, 0.0000,
0.0000

234.7670, 6.5239,
-39.2607

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

80.2060, 3.8424,
-65.9557

80.2060, 3.8424,
-65.9557

78.5970, 4.1427,
-68.9296

84.1360, 3.3840,
-58.8783

87.7670, 3.0729,
-52.4157

91.6970, 2.6144,
-45.3383

95.6270, 2.1559,
-38.2609

99.5570, 1.6974,
-31.1835

■ 103.1880, 1.3863,
-24.7209

■ 107.1180, 0.9278,
-17.6435

■ 111.0480, 0.4693,
-10.5661

■ 114.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



93.8020, -16.6644, -21.7514



80.2060, 3.8424, -65.9557



82.8320, 17.8308, -72.6437

Triad

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



80.2060, 3.8424, -65.9557



101.7570, 28.7138, -16.4499



101.8840, -20.6488, 43.0747

Complementary

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



80.2060, 3.8424, -65.9557



41.7940, -3.8424, 65.9557

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.



103.2450, -8.0088, 48.8971



80.2060, 3.8424, -65.9557



105.7460, 18.8592, 17.7628

Square

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



80.2060, 3.8424, -65.9557



82.9240, 38.4915, -72.7243



105.1590, 5.8376, 41.0796



100.4230, -28.3095, 26.8160

Rectangle

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



80.2060, 3.8424, -65.9557



84.4110, 26.4194, -74.0284



105.1590, 5.8376, 41.0796



102.2310, -16.8759, 46.2784

Sweetspot

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



80.2060, 3.8424, -65.9557



138.5900, 1.6811, -25.9504



79.7140, -36.8340, -39.2142



68.1290, 0.9224, -15.8991



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.2060, 3.8424, -65.9557



102.6930, 5.0814, -90.0618



68.2500, 24.0338, -55.4703



56.9780, 0.0108, -3.4887



81.9880, 4.4429, -71.9035



167.8400, 8.4599, -147.1957

Inverse Universe

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



41.7940, -3.8424, 65.9557



50.3070, -5.0814, 90.0618



53.7500, -24.0337, 55.4703



54.9080, -0.4476, 3.5887



40.1260, -4.0061, 71.8035



82.1600, -8.4599, 147.1957

Previews

White Background



This preview shows how the YUV color 80.2060, 3.8424, -65.9557 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 80.2060, 3.8424, -65.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

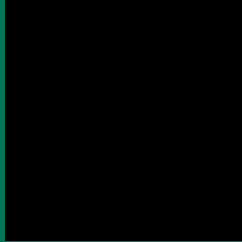
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2060, 3.8424, -65.9557

Background



This preview shows how black text looks on a background with the YUV color 80.2060, 3.8424, -65.9557.



This preview shows how white text looks on a background with the YUV color 80.2060, 3.8424,

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

80.2060, 3.8424, -65.9557

Protanopia

101.6990, -10.2046, 6.4030

Deuteranopia

103.2850, -5.5635, 11.1511



Tritanopia

91.6010, 14.9867, -47.0081

Trichromacy



Original Color

80.2060, 3.8424, -65.9557

Protanomaly

93.6140, -4.7397, -19.8325

Deuteranomaly

95.3200, -2.1298, -16.9436

Tritanomaly

87.2320, 11.2246, -53.7005

Monochromacy



Original Color

80.2060, 3.8424, -65.9557

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9000, 1.5283, -23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2060, 3.8424, -65.9557 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(5, 117, 88)` looks like.

```
.text, #text, p{  
    color:rgb(5, 117, 88)  
}
```

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(5, 117, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 117, 88) }
```

Border

The CSS property to change the border of an element to YUV 80.2060, 3.8424, -65.9557 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(5, 117, 88) }
```


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

```
.border{ border-color:rgb(5, 117, 88) }
```

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

Here you see how a box with a 4 pixel rgb(5, 117, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 117, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 117, 88);  
box-shadow:4px 4px 4px 4px rgb(5, 117, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2060, 3.8424, -65.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 117, 88) }
```

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

```
.background{ background-color: rgb(5, 117,  
88) }
```

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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