

Converting Colors

YUV(81.1240, 62.0569,
-71.1457)

Have a look what the booklet for
YUV(81.1240, 62.0569, -71.1457)
contains.

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Color

**YUV(81.1240, 62.0569,
-71.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	0062CF
RGB	0, 98, 207
RGB Percent	0%, 38%, 81%
CMY	1.0000, 0.6157, 0.1882
CMYK	1.00, 0.53, 0.00, 0.19
HSL	212°, 100%, 41%
HSV	212°, 100%, 81%
XYZ	15.6302, 13.2404, 60.7633
YIQ	81.1240, -93.3970, 13.1230

Conversions

Conversions Part 2

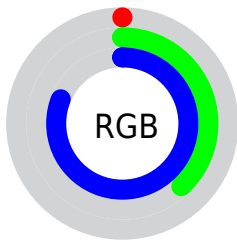
Format	Color
RYB	0, 67, 207
Decimal	25295
CIELab	43.12, 19.09, -62.72
CIELCh	43, 65.566, 286.929
Yxy	13.2404, 0.1744, 0.1477
Android (android.graphics.Color)	4278215375 (0xFF0062CF)
YUV	81.1240, 62.0569, -71.1457
Hunter-Lab	36.3873, 12.9969, -73.5375

Details

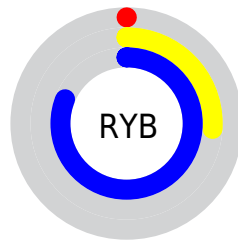
The YUV color **81.1240, 62.0569, -71.1457** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **125.8760, -62.0569, 71.1457**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8460, 53.8129, -40.2069**, and **48.4390, 51.0556, -42.4810** is the 20% darker color. If you saturate the color by 10%, you get **81.1240, 62.0569, -71.1457**, and if you desaturate by 10%, it is **93.8600, 55.7780, -63.8982**.

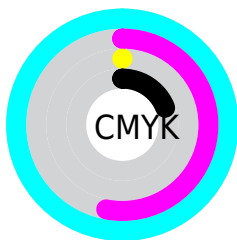
Distribution



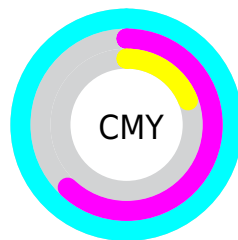
- Red (0%)
- Green (38%)
- Blue (81%)



- Red (0%)
- Yellow (26%)
- Blue (81%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1240, 62.0569, -71.1457 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 81.1240, 62.0569, -71.1457 by changing the saturation by 10% instead.

■ 81.1240, 62.0569,
-71.1457

■ 81.1240, 62.0569,
-71.1457

255.0000, 0.0000,
0.0000

■ 64.4310, 56.4825,
-56.5060

■ 145.8460, 53.8129,
-40.2069

■ 48.4390, 51.0556,
-42.4810

■ 170.6760, 41.5717,
-33.9189

■ 33.6210, 45.0498,
-29.4856

■ 195.7940, 29.1886,
-28.7603

■ 18.3300, 39.7703,
-16.0754

■ 221.4990, 16.5160,
-24.1166

■ 13.8330, 30.1553,
-12.1315

■ 245.7310, 4.5696,
-19.0581

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 81.1240, 62.0569,
-71.1457

■ 93.8600, 55.7780,
-63.8982

■ 106.2970, 49.6466,
-57.2655

■ 119.0330, 43.3677,
-50.0179

■ 131.7690, 37.0889,
-42.7704

■ 144.5050, 30.8100,
-35.5229

■ 156.3550, 24.9680,
-28.3753

■ 169.0910, 18.6891,
-21.1278

■ 181.8270, 12.4103,
-13.8803

■ 194.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



91.3310, 58.0108, -80.0973



81.1240, 62.0569, -71.1457



103.4270, 36.2715, 32.9515

Triad

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



81.1240, 62.0569, -71.1457



93.3690, -36.1709, 75.0984



81.3380, -3.1246, -71.3334

Complementary

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



81.1240, 62.0569, -71.1457



125.8760, -62.0569, 71.1457

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.



73.3140, -30.2278, -58.1574



81.1240, 62.0569, -71.1457



96.1740, -47.4138, 41.0664

Square

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



81.1240, 62.0569, -71.1457



86.6990, -6.2606, 94.9800



92.3880, -45.5473, 2.2907



88.4230, 21.4835, -77.5470

Rectangle

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



81.1240, 62.0569, -71.1457



97.1450, 24.0855, 68.2788



92.3880, -45.5473, 2.2907



78.5850, -11.1344, -68.9190

Sweetspot

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



81.1240, 62.0569, -71.1457



208.7960, 22.7786, -26.1311



133.7070, -13.1666, -117.2610



99.5710, 14.0155, -15.4098



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



81.1240, 62.0569, -71.1457



100.0970, 76.3672, -87.7851



24.4950, 89.9750, -18.8511



98.1890, 3.3578, -3.6738



66.1120, 50.2308, -57.9802



15.8270, 12.4103, -13.8803

Inverse Universe

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



73.0650, 12.2930, 117.4610



90.0390, 15.2638, 144.6708



182.5050, -89.9750, 18.8511



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 81.1240, 62.0569, -71.1457 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 81.1240, 62.0569, -71.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

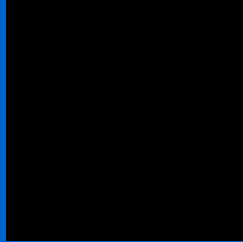
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1240, 62.0569, -71.1457

Background



This preview shows how black text looks on a background with the YUV color 81.1240, 62.0569, -71.1457.



This preview shows how white text looks on a background with the YUV color 81.1240, 62.0569, -71.1457.

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

81.1240, 62.0569, -71.1457

Protanopia

86.2070, 59.5509, -60.6945

Tritanopia

80.0110, 19.7146, -70.1696

Trichromacy



Original Color

81.1240, 62.0569, -71.1457

Protanomaly

84.4130, 60.4354, -64.3832

Tritanomaly

80.7240, 35.1391, -70.7949

Monochromacy



Original Color

81.1240, 62.0569, -71.1457

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0950, 22.6312, -25.5163

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1240, 62.0569, -71.1457 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(0, 98, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 207)  
}
```

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(0, 98, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 207) }
```

Border

The CSS property to change the border of an element to YUV 81.1240, 62.0569, -71.1457 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(0, 98, 207) }
```

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

```
.border{ border-color:rgb(0, 98, 207) }
```

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

Here you see how a box with a 4 pixel rgb(0, 98, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 207)  
}
```


Background

The CSS property to change the background color of an element to YUV 81.1240, 62.0569, -71.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 207) }
```

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

```
.background{ background-color: rgb(0, 98,  
207) }
```

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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