

Converting Colors

YUV(81.3520, 62.9305,
-71.3457)

Have a look what the booklet for
YUV(81.3520, 62.9305, -71.3457)
contains.

YUV(81.3520, 62.9305, -71.3457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(81.3520, 62.9305,
-71.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	0062D1
RGB	0, 98, 209
RGB Percent	0%, 38%, 82%
CMY	1.0000, 0.6157, 0.1804
CMYK	1.00, 0.53, 0.00, 0.18
HSL	212°, 100%, 41%
HSV	212°, 100%, 82%
XYZ	15.8763, 13.3388, 62.0595
YIQ	81.3520, -94.0390, 13.7450

Conversions

Conversions Part 2

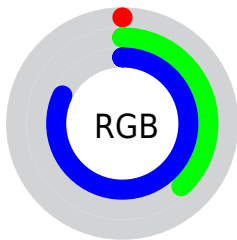
Format	Color
R _Y B	0, 67, 209
Decimal	25297
CIE Lab	43.27, 19.89, -63.63
CIE LCh	43, 66.672, 287.359
Yxy	13.3388, 0.1739, 0.1461
Android (android.graphics.Color)	4278215377 (0xFF0062D1)
YUV	81.3520, 62.9305, -71.3457
Hunter-Lab	36.5223, 13.6801, -75.1811

Details

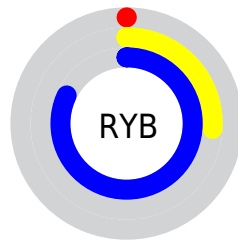
The YUV color **81.3520, 62.9305, -71.3457** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **127.6480, -62.9305, 71.3457**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1450, 53.6655, -39.5922**, and **48.6670, 51.9292, -42.6810** is the 20% darker color. If you saturate the color by 10%, you get **81.3520, 62.9305, -71.3457**, and if you desaturate by 10%, it is **94.0880, 56.6516, -64.0982**.

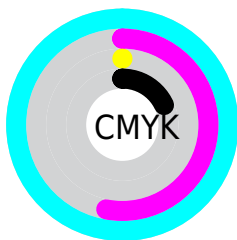
Distribution



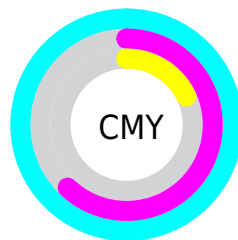
- Red (0%)
- Green (38%)
- Blue (82%)



- Red (0%)
- Yellow (26%)
- Blue (82%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3520, 62.9305, -71.3457 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 81.3520, 62.9305, -71.3457 by changing the saturation by 10% instead.

■ 81.3520, 62.9305,
-71.3457

■ 81.3520, 62.9305,
-71.3457

■ 255.0000, 0.0000,
0.0000

■ 64.6590, 57.3561,
-56.7059

■ 146.1450, 53.6655,
-39.5922

■ 48.6670, 51.9292,
-42.6810

■ 170.9750, 41.4243,
-33.3041

■ 33.8490, 45.9234,
-29.6856

■ 196.0930, 29.0412,
-28.1456

■ 19.1450, 40.3545,
-16.7902

■ 221.7980, 16.3686,
-23.5018

■ 13.9470, 30.5921,
-12.2315

■ 246.0300, 4.4222,
-18.4433

■ 8.8630, 21.2665,
-7.7729

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 81.3520, 62.9305,
-71.3457

■ 94.0880, 56.6516,
-64.0982

■ 106.8240, 50.3728,
-56.8506

■ 119.5600, 44.0939,
-49.6031

■ 132.2960, 37.8151,
-42.3556

■ 145.6190, 31.2468,
-35.6229

■ 158.0560, 25.1154,
-28.9901

■ 170.7920, 18.8365,
-21.7426

■ 183.5280, 12.5577,
-14.4951

■ 196.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



92.1460, 58.5950, -80.8120



81.3520, 62.9305, -71.3457



103.5520, 36.7029, 34.5959

Triad

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



81.3520, 62.9305, -71.3457



93.4400, -37.1919, 75.9131



81.4520, -2.6878, -71.4334

Complementary

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



81.3520, 62.9305, -71.3457



127.6480, -62.9305, 71.3457

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.



71.6940, -29.9221, -62.8756



81.3520, 62.9305, -71.3457



96.4730, -47.5612, 41.6812

Square

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



81.3520, 62.9305, -71.3457



85.4220, -6.1240, 97.8539



92.3880, -45.5473, 2.2907



89.2380, 22.0677, -78.2617

Rectangle

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



81.3520, 62.9305, -71.3457



96.5690, 24.3695, 70.5380



92.3880, -45.5473, 2.2907



78.6990, -10.6976, -69.0190

Sweetspot

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



81.3520, 62.9305, -71.3457



208.2090, 23.0680, -25.6163



134.9950, -13.3085, -118.3906



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.



81.3520, 62.9305, -71.3457



99.5100, 76.6566, -87.2703



24.7230, 90.8486, -19.0511



98.1890, 3.3578, -3.6738



65.5250, 50.5202, -57.4654



15.8270, 12.4103, -13.8803

Inverse Universe

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



73.6630, 11.9981, 118.6905



89.9250, 14.8270, 144.7708



184.2770, -90.8486, 19.0511



97.8590, 0.5625, 6.2627



59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 81.3520, 62.9305, -71.3457 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 81.3520, 62.9305, -71.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

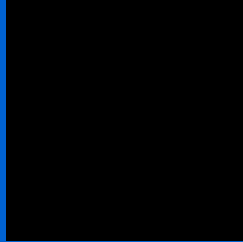
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3520, 62.9305, -71.3457

Background



This preview shows how black text looks on a background with the YUV color 81.3520, 62.9305, -71.3457.



This preview shows how white text looks on a background with the YUV color 81.3520, 62.9305, -71.3457.

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

81.3520, 62.9305, -71.3457

Protanopia

81.3520, 62.9305, -71.3457

Deuteranopia

81.5680, 48.5270, -71.5351



Tritanopia

80.0110, 19.7146, -70.1696

Trichromacy



Original Color

81.3520, 62.9305, -71.3457

Protanomaly

81.3520, 62.9305, -71.3457

Deuteranomaly

81.6480, 53.9105, -71.6053

Tritanomaly

80.7240, 35.1391, -70.7949

Monochromacy



Original Color

81.3520, 62.9305, -71.3457

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2090, 23.0680, -25.6163

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3520, 62.9305, -71.3457 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 209) }
```

Border

The CSS property to change the border of an element to YUV 81.3520, 62.9305, -71.3457 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, 209) }
```


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

```
.border{ border-color:rgb(0, 98, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 209)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3520, 62.9305, -71.3457 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, 209) }
```

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

```
.background{ background-color: rgb(0, 98,  
209) }
```

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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