

Converting Colors

YUV(35.5030, 77.6460,
-31.1361)

Have a look what the booklet for
YUV(35.5030, 77.6460, -31.1361)
contains.

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Color

**YUV(35.5030, 77.6460,
-31.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	0017C1
RGB	0, 23, 193
RGB Percent	0%, 9%, 76%
CMY	1.0000, 0.9098, 0.2431
CMYK	1.00, 0.88, 0.00, 0.24
HSL	233°, 100%, 38%
HSV	233°, 100%, 76%
XYZ	9.9320, 4.4630, 50.7901
YIQ	35.5030, -68.2780, 47.9940

Conversions

Conversions Part 2

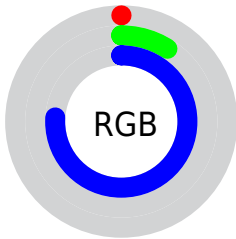
Format	Color
RYB	0, 21, 193
Decimal	6081
CIELab	25.15, 58.15, -84.17
CIELCh	25, 102.300, 304.641
Yxy	4.4630, 0.1524, 0.0685
Android (android.graphics.Color)	4278196161 (0xFF0017C1)
YUV	35.5030, 77.6460, -31.1361
Hunter-Lab	21.1259, 46.9487, -127.7543

Details

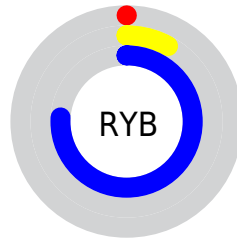
The YUV color **35.5030, 77.6460, -31.1361** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **157.4970, -77.6460, 31.1361**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.5500, 73.1858, -0.4823**, and **15.7320, 60.2781, -13.7970** is the 20% darker color. If you saturate the color by 10%, you get **35.5030, 77.6460, -31.1361**, and if you desaturate by 10%, it is **51.1630, 69.9256, -28.2070**.

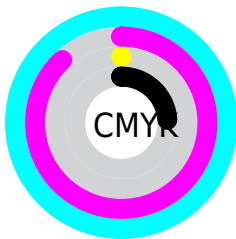
Distribution



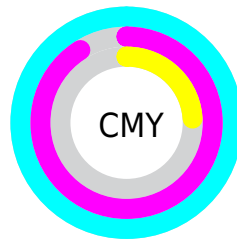
- Red (0%)
- Green (9%)
- Blue (76%)



- Red (0%)
- Yellow (8%)
- Blue (76%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.5030, 77.6460, -31.1361 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 35.5030, 77.6460, -31.1361 by changing the saturation by 10% instead.

■ 35.5030, 77.6460,
-31.1361

■ 35.5030, 77.6460,
-31.1361

■ 255.0000, 0.0000,
0.0000

■ 18.8100, 72.0717,
-16.4964

■ 102.5500, 73.1858,
-0.4823

■ 15.7320, 60.2781,
-13.7970

■ 127.5480, 62.8338,
6.5354

■ 12.6540, 48.4846,
-11.0976

■ 152.0790, 50.7401,
12.2087

■ 16.8480, 34.0919,
-14.7757

■ 177.1970, 38.3569,
17.3672

■ 10.4760, 24.9083,
-9.1875

■ 202.6140, 25.8263,
23.1405

■ 6.2070, 16.1669,
-5.4435


■ 226.8240, 13.8908,


■ 2.4110, 6.6994,


24.7104


-2.1144


 243.8470, 5.4984,
9.7812


 0.0000, 0.0000,
0.0000


 35.5030, 77.6460,
-31.1361

 51.1630, 69.9256,
-28.2070

 67.1220, 62.0579,
-24.6630

 82.7820, 54.3375,
-21.7338

 98.4420, 46.6171,
-18.8046

 114.4010, 38.7493,
-15.2607

■ 130.0610, 31.0289,
-12.3315

■ 145.7210, 23.3085,
-9.4023

■ 161.3810, 15.5882,
-6.4731

■ 177.3400, 7.7204,
-2.9292

Harmonies

Analogous

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



68.2730, 76.2804, -59.8754



35.5030, 77.6460, -31.1361



60.0400, 33.5043, 80.6489

Triad

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



35.5030, 77.6460, -31.1361



44.4080, -21.8931, 68.9252



56.2280, 7.2826, -49.3120

Complementary

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



35.5030, 77.6460, -31.1361



157.4970, -77.6460, 31.1361

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.



46.9600, -23.1513, -41.1839



35.5030, 77.6460, -31.1361



55.5300, -27.3763, 7.4282

Square

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



35.5030, 77.6460, -31.1361



49.0360, -24.1747, 100.8234



44.0250, -21.7043, -38.6099



66.8810, 40.4847, -58.6546

Rectangle

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



35.5030, 77.6460, -31.1361



61.4020, 7.6898, 100.5024



44.0250, -21.7043, -38.6099



53.0360, -4.9477, -46.5126

Sweetspot

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



35.5030, 77.6460, -31.1361



188.8330, 30.1553, -12.1315



132.3290, 17.0928, -116.0525



88.0650, 18.2090, -7.0730



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



35.5030, 77.6460, -31.1361



46.1100, 100.5178, -40.4385



43.2310, 73.8361, 24.3534



88.7270, 4.0786, -1.5146



29.5070, 64.8260, -25.8776



6.1100, 13.2568, -5.3585

Inverse Universe

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



60.3290, -18.4032, 116.3525



78.1700, -23.7478, 150.6949



149.7690, -73.8361, -24.3534



90.1040, -1.0373, 6.0478



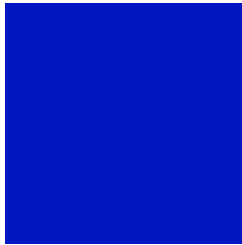
50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 35.5030, 77.6460, -31.1361 looks on a white background.

Color Contrast Check

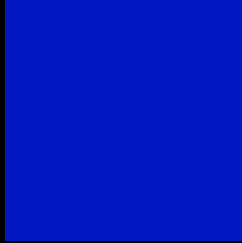
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5030, 77.6460, -31.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

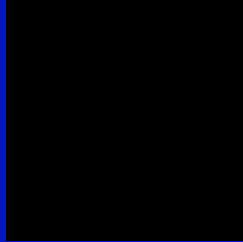
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5030, 77.6460, -31.1361

Background



This preview shows how black text looks on a background with the YUV color 35.5030, 77.6460, -31.1361.



This preview shows how white text looks on a background with the YUV color 35.5030, 77.6460,

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

35.5030, 77.6460, -31.1361

Protanopia

48.6550, 36.6521, -42.6704

Deuteranopia

48.8370, 27.1954, -42.8300



Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Original Color

35.5030, 77.6460, -31.1361

Protanomaly

43.8740, 51.3341, -38.4775

Deuteranomaly

43.6800, 45.5138, -38.3074

Tritanomaly

43.6340, 35.1834, -38.2670

Monochromacy



Original Color

35.5030, 77.6460, -31.1361

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.6760, 28.2607, -11.1169

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5030, 77.6460, -31.1361 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, 23, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 193)  
}
```

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, 23, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 193) }
```

Border

The CSS property to change the border of an element to YUV 35.5030, 77.6460, -31.1361 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, 23, 193) }
```


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

```
.border{ border-color:rgb(0, 23, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 193)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.5030, 77.6460, -31.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 193) }
```

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

```
.background{ background-color: rgb(0, 23,  
193) }
```

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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