

Converting Colors

YUV(76.0800, 72.4316,
-38.6582)

Have a look what the booklet for
YUV(76.0800, 72.4316, -38.6582)
contains.

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Color

**YUV(76.0800, 72.4316,
-38.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	2046DF
RGB	32, 70, 223
RGB Percent	13%, 27%, 87%
CMY	0.8745, 0.7255, 0.1255
CMYK	0.86, 0.69, 0.00, 0.13
HSL	228°, 75%, 50%
HSV	228°, 86%, 87%
XYZ	16.1051, 10.0151, 70.8963
YIQ	76.0800, -71.7610, 39.5270

Conversions

Conversions Part 2

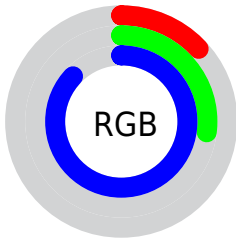
Format	Color
R _Y B	32, 64, 223
Decimal	2115295
CIE Lab	37.87, 44.48, -80.47
CIE LCh	38, 91.946, 298.934
Yxy	10.0151, 0.1660, 0.1032
Android (android.graphics.Color)	4280305375 (0xFF2046DF)
YUV	76.0800, 72.4316, -38.6582
Hunter-Lab	31.6467, 35.4577, -110.6716

Details

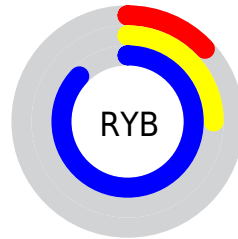
The YUV color **76.0800, 72.4316, -38.6582** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **178.9200, -72.4316, 38.6582**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3080, 59.9942, -16.0561**, and **34.7730, 64.6949, -30.4959** is the 20% darker color. If you saturate the color by 10%, you get **58.9360, 80.8836, -42.9169**, and if you desaturate by 10%, it is **93.2240, 63.9796, -34.3994**.

Distribution



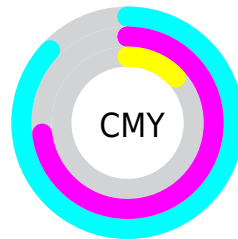
- Red (13%)
- Green (27%)
- Blue (87%)



- Red (13%)
- Yellow (25%)
- Blue (87%)



- Cyan (86%)
- Magenta (69%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (73%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0800, 72.4316, -38.6582 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 76.0800, 72.4316, -38.6582 by changing the saturation by 10% instead.

■ 76.0800, 72.4316,
-38.6582

■ 76.0800, 72.4316,
-38.6582

255.0000, 0.0000,
0.0000

■ 50.2920, 70.8480,
-44.1061

■ 133.3080, 59.9942,
-16.0561

■ 34.7730, 64.6949,
-30.4959

■ 157.8500, 47.8950,
-8.6384

■ 21.7160, 57.8210,
-19.0449

■ 182.9680, 35.5118,
-3.4799

■ 12.8820, 49.3582,
-11.2975

■ 208.0860, 23.1286,
1.6786

■ 16.9620, 34.5287,
-14.8757

■ 234.0900, 10.3086,
6.9371

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 76.0800, 72.4316,
-38.6582

■ 76.0800, 72.4316,
-38.6582

■ 58.9360, 80.8836,
-42.9169

■ 93.2240, 63.9796,
-34.3994

■ 51.2500, 84.6727,
-44.9462

■ 110.6670, 55.3802,
-29.5260

■ 127.8110, 46.9282,
-25.2672

■ 144.3680, 38.7656,
-20.4937

■ 161.8110, 30.1662,
-15.6202

■ 178.9550, 21.7142,
-11.3615

■ 196.0990, 13.2622,
-7.1028

■ 213.2430, 4.8102,
-2.8441

■ 230.6860, -3.7892,
2.0294

Harmonies

Analogous

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



87.5760, 76.6240, -76.8042



76.0800, 72.4316, -38.6582



69.9820, 48.3229, 87.7158

Triad

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



76.0800, 72.4316, -38.6582



76.3480, -37.6396, 79.5018



77.1950, 3.8479, -67.7000

Complementary

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



76.0800, 72.4316, -38.6582



178.9200, -72.4316, 38.6582

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.



65.7440, -32.4118, -57.6575



76.0800, 72.4316, -38.6582



83.9700, -41.3972, 24.5823

Square

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



76.0800, 72.4316, -38.6582



63.0200, -19.7299, 121.8855



68.2240, -33.6344, -38.7844



86.9190, 36.0289, -76.2280

Rectangle

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



76.0800, 72.4316, -38.6582



73.4800, 22.9344, 110.9580



68.2240, -33.6344, -38.7844



73.5300, -7.6563, -64.4858

Sweetspot

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



76.0800, 72.4316, -38.6582



204.1550, 25.0666, -13.2909



161.5590, 11.5564, -113.6232



97.2560, 15.1568, -8.1175



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.



76.0800, 72.4316, -38.6582



59.0070, 96.6245, -51.7491



70.8170, 75.0262, 15.9465



103.4280, 4.2260, -2.1294



40.6090, 66.7478, -35.6141



11.3420, 18.0724, -9.9469

Inverse Universe

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



93.4410, -11.5564, 113.6232



82.0590, -15.3121, 151.6693



184.1830, -75.0262, -15.9465



104.5170, -0.7479, 6.5626



56.6140, -10.6557, 104.7015



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 76.0800, 72.4316, -38.6582 looks on a white background.

Color Contrast Check

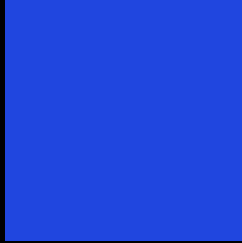
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.0800, 72.4316, -38.6582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

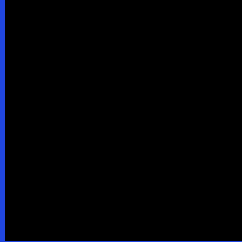
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0800, 72.4316, -38.6582

Background



This preview shows how black text looks on a background with the YUV color 76.0800, 72.4316, -38.6582.



This preview shows how white text looks on a background with the YUV color 76.0800, 72.4316,

-38.6582.

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

76.0800, 72.4316, -38.6582

Protanopia

70.4150, 54.0254, -61.7540

Deuteranopia

70.8590, 40.4955, -62.1433



Tritanopia

69.3820, 17.0667, -60.8480

Trichromacy



Original Color

76.0800, 72.4316, -38.6582

Protanomaly

72.8920, 60.6922, -53.4023

Deuteranomaly

72.6010, 51.9617, -53.1471

Tritanomaly

72.0020, 36.9740, -52.6218

Monochromacy



Original Color

76.0800, 72.4316, -38.6582

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0840, 26.0876, -14.1057

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0800, 72.4316, -38.6582 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(32, 70, 223)` looks like.

```
.text, #text, p{  
    color:rgb(32, 70, 223)  
}
```

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(32, 70, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 70, 223) }
```

Border

The CSS property to change the border of an element to YUV 76.0800, 72.4316, -38.6582 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(32, 70, 223) }
```


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

```
.border{ border-color:rgb(32, 70, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 70, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 70, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 70, 223);  
box-shadow:4px 4px 4px 4px rgb(32, 70,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 76.0800, 72.4316, -38.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 70, 223) }
```

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

```
.background{ background-color: rgb(32, 70,  
223) }
```

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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