

Converting Colors

YUV(76.6650, 78.5522,
-41.8022)

Have a look what the booklet for
YUV(76.6650, 78.5522, -41.8022)
contains.

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Color

**YUV(76.6650, 78.5522,
-41.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	1D46EC
RGB	29, 70, 236
RGB Percent	11%, 27%, 93%
CMY	0.8863, 0.7255, 0.0745
CMYK	0.88, 0.70, 0.00, 0.07
HSL	228°, 84%, 52%
HSV	228°, 88%, 93%
XYZ	17.8372, 10.6977, 80.4816
YIQ	76.6650, -77.7220, 42.9340

Conversions

Conversions Part 2

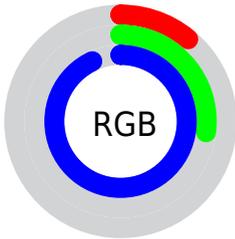
Format	Color
RYB	29, 63, 236
Decimal	1918700
CIELab	39.07, 48.91, -85.89
CIELCh	39, 98.838, 299.658
Yxy	10.6977, 0.1636, 0.0981
Android (android.graphics.Color)	4280108780 (0xFF1D46EC)
YUV	76.6650, 78.5522, -41.8022
Hunter-Lab	32.7073, 40.1087, -122.9977

Details

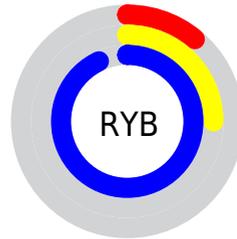
The YUV color **76.6650, 78.5522, -41.8022** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **188.3350, -78.5522, 41.8022**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9060, 59.6993, -14.8266**, and **35.6680, 70.6627, -31.2808** is the 20% darker color. If you saturate the color by 10%, you get **58.3360, 87.5884, -46.7757**, and if you desaturate by 10%, it is **94.9940, 69.5160, -36.8287**.

Distribution



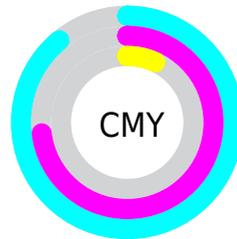
- Red (11%)
- Green (27%)
- Blue (93%)



- Red (11%)
- Yellow (25%)
- Blue (93%)



- Cyan (88%)
- Magenta (70%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (73%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6650, 78.5522, -41.8022 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 76.6650, 78.5522, -41.8022 by changing the saturation by 10% instead.

■ 76.6650, 78.5522,
-41.8022

■ 76.6650, 78.5522,
-41.8022

■ 255.0000, 0.0000,
0.0000

■ 51.1870, 76.8158,
-44.8910

■ 133.9060, 59.6993,
-14.8266

■ 35.6680, 70.6627,
-31.2808

■ 159.3340, 47.1633,
-7.3089

■ 22.4970, 63.3520,
-19.7299

■ 184.1640, 34.9221,
-1.0208

■ 14.1360, 54.1630,
-12.3973

■ 210.1680, 22.1022,
4.2377

■ 19.3900, 38.7547,
-17.0050

■ 236.1720, 9.2822,
9.4962

■ 13.6050, 29.2817,
-11.9316

■ 7.9340, 20.2455,

-6.9581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 76.6650, 78.5522,
-41.8022

■ 76.6650, 78.5522,
-41.8022

■ 58.3360, 87.5884,
-46.7757

■ 94.9940, 69.5160,
-36.8287

■ 54.4930, 89.4830,
-47.7904

■ 113.0240, 60.6272,
-32.4700

■ 131.3530, 51.5910,
-27.4966

■ 149.3830, 42.7022,
-23.1379

■ 167.7120, 33.6660,
-18.1644

■ 186.0410, 24.6298,
-13.1910

■ 203.4840, 16.0304,
-8.3175

■ 221.8130, 6.9942,
-3.3440

■ 239.8430, -1.8946,
1.0147

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



76.6650, 78.5522, -41.8022



73.7700, 49.9064, 93.1637

Triad

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



76.6650, 78.5522, -41.8022



78.1420, -38.5240, 83.1905



79.9990, 4.4375, -70.1591

Complementary

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



76.6650, 78.5522, -41.8022



188.3350, -78.5522, 41.8022

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.



68.0920, -33.5694, -59.7167



76.6650, 78.5522, -41.8022



86.9160, -42.8496, 23.7527

Square

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



76.6650, 78.5522, -41.8022



65.5540, -22.9511, 128.4331



63.9940, -31.5490, -54.3687



90.5210, 39.6761, -79.3869

Rectangle

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



76.6650, 78.5522, -41.8022



77.5240, 22.9127, 117.9355



63.9940, -31.5490, -54.3687



76.6930, -8.2296, -67.2598

Sweetspot

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



76.6650, 78.5522, -41.8022



204.1550, 25.0666, -13.2909



169.4330, 12.6045, -123.1597



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.



76.6650, 78.5522, -41.8022



59.0070, 96.6245, -51.7491



71.1360, 81.2780, 17.4207



108.4280, 4.2260, -2.1294



41.7660, 68.6424, -36.6288



12.6130, 20.4038, -11.0616

Inverse Universe

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



95.5670, -12.6045, 123.1597



82.0590, -15.3121, 151.6693



193.8640, -81.2780, -17.4207



109.5170, -0.7479, 6.5626



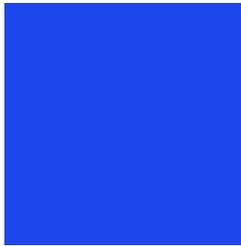
58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 76.6650, 78.5522, -41.8022 looks on a white background.

Color Contrast Check

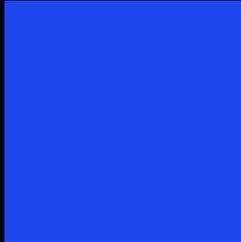
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6650, 78.5522, -41.8022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

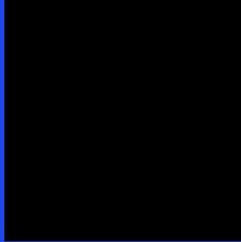
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6650, 78.5522, -41.8022

Background



This preview shows how black text looks on a background with the YUV color 76.6650, 78.5522, -41.8022.



This preview shows how white text looks on a background with the YUV color 76.6650, 78.5522, -41.8022.

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

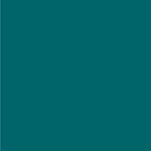
76.6650, 78.5522, -41.8022

Protanopia

72.7460, 55.3412, -63.7982

Deuteranopia

73.1900, 41.8113, -64.1876



Tritanopia

71.4850, 17.5089, -62.6923

Trichromacy



Original Color

76.6650, 78.5522, -41.8022

Protanomaly

74.0920, 64.0446, -55.3317

Deuteranomaly

74.3880, 55.0247, -55.5913

Tritanomaly

73.6750, 39.6002, -54.9660

Monochromacy



Original Color

76.6650, 78.5522, -41.8022

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7680, 28.7084, -14.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6650, 78.5522, -41.8022 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(29, 70, 236)` looks like.

```
.text, #text, p{  
    color:rgb(29, 70, 236)  
}
```

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(29, 70, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 70, 236) }
```

Border

The CSS property to change the border of an element to YUV 76.6650, 78.5522, -41.8022 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(29, 70, 236) }
```


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

```
.border{ border-color:rgb(29, 70, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 70, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 70, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 70, 236);  
box-shadow:4px 4px 4px 4px rgb(29, 70,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 76.6650, 78.5522, -41.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 70, 236) }
```

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

```
.background{ background-color: rgb(29, 70,  
236) }
```

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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