

Converting Colors

YUV(60.7760, 70.1164,
-42.7766)

Have a look what the booklet for
YUV(60.7760, 70.1164, -42.7766)
contains.

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Color

**YUV(60.7760, 70.1164,
-42.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3ACB
RGB	12, 58, 203
RGB Percent	5%, 23%, 80%
CMY	0.9529, 0.7725, 0.2039
CMYK	0.94, 0.71, 0.00, 0.20
HSL	226°, 89%, 42%
HSV	226°, 94%, 80%
XYZ	12.4442, 7.4161, 57.2755
YIQ	60.7760, -73.9610, 35.3430

Conversions

Conversions Part 2

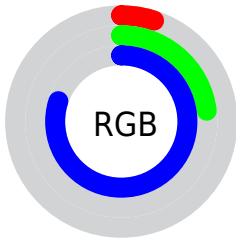
Format	Color
R_{YB}	12, 49, 203
Decimal	801483
CIE _{Lab}	32.74, 43.82, -77.42
CIE _{LCh}	33, 88.962, 299.511
Yxy	7.4161, 0.1613, 0.0961
Android (android.graphics.Color)	4278991563 (0xFF0C3ACB)
YUV	60.7760, 70.1164, -42.7766
Hunter-Lab	27.2325, 33.9107, -105.6363

Details

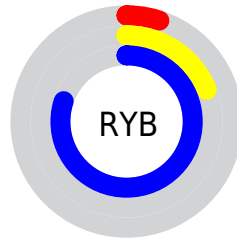
The YUV color **60.7760, 70.1164, -42.7766** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **154.2240, -70.1164, 42.7766**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3880, 65.3777, -16.1263**, and **26.1500, 59.5790, -22.9336** is the 20% darker color. If you saturate the color by 10%, you get **51.9050, 74.4898, -45.5207**, and if you desaturate by 10%, it is **75.5610, 62.8274, -38.2030**.

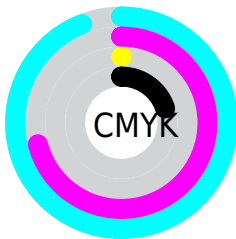
Distribution



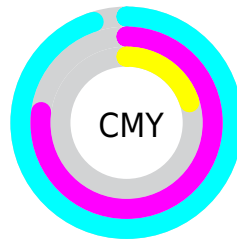
- Red (5%)
- Green (23%)
- Blue (80%)



- Red (5%)
- Yellow (19%)
- Blue (80%)



- Cyan (94%)
- Magenta (71%)
- Yellow (0%)
- Black (20%)



- Cyan (95%)
- Magenta (77%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7760, 70.1164, -42.7766 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 60.7760, 70.1164, -42.7766 by changing the saturation by 10% instead.

■ 60.7760, 70.1164,
-42.7766

■ 60.7760, 70.1164,
-42.7766

■ 255.0000, 0.0000,
0.0000

■ 41.0820, 66.0216,
-36.0289

■ 122.3880, 65.3777,
-16.1263

■ 26.1500, 59.5790,
-22.9336

■ 146.9300, 53.2785,
-8.7086

■ 13.7940, 52.8526,
-12.0973

■ 171.4610, 41.1847,
-3.0353

■ 13.7650, 40.0489,
-12.0719

■ 196.5790, 28.8016,
2.1232

■ 12.6760, 28.2607,
-11.1169

■ 222.2840, 16.1290,
6.7669

■ 7.7060, 19.3719,
-6.7582

■ 246.1950, 4.3409,

■ 3.4370, 10.6306,

7.7220

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 60.7760, 70.1164,
-42.7766

■ 60.7760, 70.1164,
-42.7766

■ 51.9050, 74.4898,
-45.5207

■ 75.5610, 62.8274,
-38.2030

■ 91.2320, 55.1016,
-33.5295

■ 106.0170, 47.8126,
-28.9559

■ 121.3890, 40.2342,
-24.8972

■ 136.4730, 32.7978,
-19.7088

■ 151.2580, 25.5088,
-15.1353

■ 166.6300, 17.9304,
-11.0765

■ 181.4150, 10.6414,
-6.5030

■ 197.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



77.5510, 71.2134, -68.0122



60.7760, 70.1164, -42.7766



62.8470, 42.9664, 79.0642

Triad

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



60.7760, 70.1164, -42.7766



64.7970, -31.9449, 72.9690



67.7230, 3.0946, -59.3931

Complementary

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



60.7760, 70.1164, -42.7766



154.2240, -70.1164, 42.7766

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.



57.5260, -28.3603, -50.4503



60.7760, 70.1164, -42.7766



72.7290, -35.8554, 20.4087

Square

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



60.7760, 70.1164, -42.7766



56.0140, -20.7129, 110.4897



53.4170, -26.3346, -46.8467



76.5180, 34.2546, -67.1063

Rectangle

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



60.7760, 70.1164, -42.7766



66.3880, 19.0357, 101.3917



53.4170, -26.3346, -46.8467



64.2860, -7.5360, -56.3788

Sweetspot

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



60.7760, 70.1164, -42.7766



202.0730, 26.0930, -15.8500



140.4190, 7.1884, -112.6235



95.4730, 16.0358, -10.0618



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.



60.7760, 70.1164, -42.7766



64.8770, 93.7306, -56.8971



48.1260, 76.3529, 10.4135



94.3140, 3.7892, -2.0294



42.4040, 60.9328, -37.1883



9.6150, 13.9938, -8.4324

Inverse Universe

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



74.3530, -8.0620, 112.8234



83.1990, -10.9441, 150.6695



166.8740, -76.3529, -10.4135



95.2180, -0.6005, 5.9478



54.1940, -6.9976, 98.0539



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 60.7760, 70.1164, -42.7766 looks on a white background.

Color Contrast Check

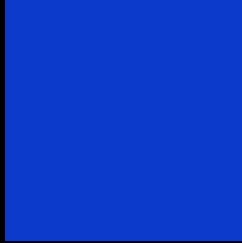
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.7760, 70.1164, -42.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

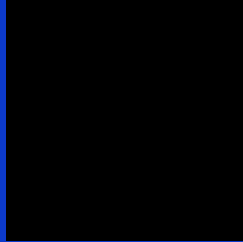
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.7760, 70.1164, -42.7766

Background



This preview shows how black text looks on a background with the YUV color 60.7760, 70.1164, -42.7766.



This preview shows how white text looks on a background with the YUV color 60.7760, 70.1164, -42.7766.

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

60.7760, 70.1164, -42.7766

Protanopia

61.2220, 46.7256, -53.6917

Deuteranopia

61.5350, 35.2322, -53.9662



Tritanopia

60.1550, 14.7136, -52.7559

Trichromacy



Original Color

60.7760, 70.1164, -42.7766

Protanomaly

60.8340, 55.2978, -49.8434

Deuteranomaly

60.8850, 47.8777, -49.8881

Tritanomaly

60.1550, 34.9266, -49.2479

Monochromacy



Original Color

60.7760, 70.1164, -42.7766

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9590, 25.6562, -15.7500

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7760, 70.1164, -42.7766 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(12, 58, 203)` looks like.

```
.text, #text, p{  
    color:rgb(12, 58, 203)  
}
```

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(12, 58, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 58, 203) }
```

Border

The CSS property to change the border of an element to YUV 60.7760, 70.1164, -42.7766 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(12, 58, 203) }
```


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

```
.border{ border-color:rgb(12, 58, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 58, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 58, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 58, 203);  
box-shadow:4px 4px 4px 4px rgb(12, 58,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 60.7760, 70.1164, -42.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 58, 203) }
```

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

```
.background{ background-color: rgb(12, 58,  
203) }
```

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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