

Converting Colors

YUV(84.3710, 60.9491,
-42.4214)

Have a look what the booklet for
YUV(84.3710, 60.9491, -42.4214)
contains.

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Color

**YUV(84.3710, 60.9491,
-42.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	2455D0
RGB	36, 85, 208
RGB Percent	14%, 33%, 82%
CMY	0.8588, 0.6667, 0.1843
CMYK	0.83, 0.59, 0.00, 0.18
HSL	223°, 70%, 48%
HSV	223°, 83%, 82%
XYZ	15.3612, 11.4261, 61.0703
YIQ	84.3710, -68.6870, 27.8650

Conversions

Conversions Part 2

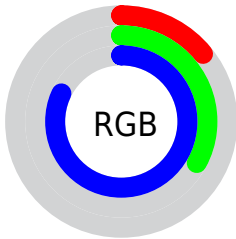
Format	Color
R_{YB}	36, 74, 208
Decimal	2381264
CIE _{Lab}	40.29, 29.73, -67.89
CIE _{LCh}	40, 74.111, 293.648
Yxy	11.4261, 0.1748, 0.1301
Android (android.graphics.Color)	4280571344 (0xFF2455D0)
YUV	84.3710, 60.9491, -42.4214
Hunter-Lab	33.8026, 21.9630, -83.4561




Details

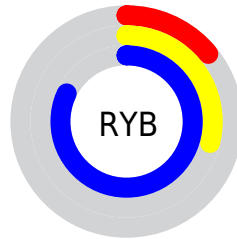
The YUV color **84.3710, 60.9491, -42.4214** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **159.6290, -60.9491, 42.4214**, and the grayscale version is **84.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **140.9170, 56.2429, -26.2372**, and **41.3950, 54.5283, -36.3034** is the 20% darker color. If you saturate the color by 10%, you get **69.2870, 68.3855, -47.6097**, and if you desaturate by 10%, it is **99.4550, 53.5127, -37.2330**.

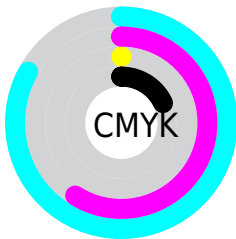
Distribution







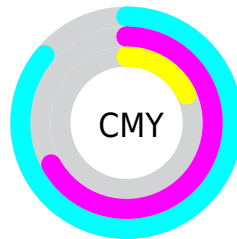
-  Red (14%)
-  Green (33%)
-  Blue (82%)






-  Red (14%)
-  Yellow (29%)
-  Blue (82%)



-  Cyan (83%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (86%)
-  Magenta (67%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3710, 60.9491, -42.4214 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 84.3710, 60.9491, -42.4214 by changing the saturation by 10% instead.

■ 84.3710, 60.9491,
-42.4214

■ 84.3710, 60.9491,
-42.4214

■ 255.0000, 0.0000,
0.0000

■ 56.9140, 60.6814,
-49.9136

■ 140.9170, 56.2429,
-26.2372

■ 41.3950, 54.5283,
-36.3034

■ 165.7470, 44.0017,
-19.9491

■ 27.8650, 48.3806,
-24.4376

■ 190.5660, 31.7660,
-15.4054

■ 11.4000, 43.6798,
-9.9978

■ 216.2710, 19.0934,
-10.7617

■ 13.8330, 30.1553,
-12.1315

■ 241.9760, 6.4208,
-6.1180

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 84.3710, 60.9491,
-42.4214

■ 84.3710, 60.9491,
-42.4214

■ 69.2870, 68.3855,
-47.6097

■ 99.4550, 53.5127,
-37.2330

■ 58.3450, 73.7799,
-51.1686

■ 114.5390, 46.0763,
-32.0447

■ 129.3240, 38.7873,
-27.4711

■ 143.8210, 31.6402,
-21.7680

■ 158.9050, 24.2038,
-16.5797

■ 173.9890, 16.7674,
-11.3914

■ 189.0730, 9.3310,
-6.2030

■ 203.8580, 2.0420,
-1.6295

■ 218.9420, -5.3944,
3.5589

Harmonies

Analogous

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



87.6610, 64.2571, -76.8787



84.3710, 60.9491, -42.4214



91.0150, 37.9536, 53.4838

Triad

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



84.3710, 60.9491, -42.4214



84.2890, -41.5545, 75.1685



78.3860, 0.7957, -68.7445

Complementary

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



84.3710, 60.9491, -42.4214



159.6290, -60.9491, 42.4214

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.



67.8470, -31.9696, -59.5018



84.3710, 60.9491, -42.4214



89.6290, -44.1871, 32.7744

Square

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



84.3710, 60.9491, -42.4214



63.8200, -6.3203, 114.1679



83.1520, -40.9939, -11.5343



86.6280, 27.2984, -75.9728

Rectangle

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



84.3710, 60.9491, -42.4214



69.6510, 30.2451, 99.4071



83.1520, -40.9939, -11.5343



75.8780, -8.8139, -66.5450

Sweetspot

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



84.3710, 60.9491, -42.4214



208.8620, 22.7460, -15.6650



150.6440, 2.6405, -100.5428



99.9030, 13.8518, -9.5619



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.



84.3710, 60.9491, -42.4214



73.4050, 89.5263, -61.7452



65.7740, 70.1174, 3.7062



97.0150, 3.9366, -2.6442



47.3280, 59.4913, -41.5067



11.7180, 14.4360, -10.2767

Inverse Universe

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



93.0140, -3.9509, 100.8427



86.4420, -6.1339, 147.8254



178.2260, -70.1174, -3.7062



97.6310, -0.3111, 6.4626



55.7040, -3.7981, 98.4836



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 84.3710, 60.9491, -42.4214 looks on a white background.

Color Contrast Check

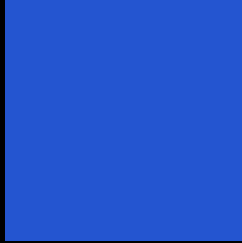
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.3710, 60.9491, -42.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

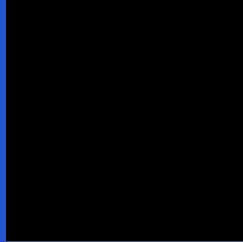
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3710, 60.9491, -42.4214

Background



This preview shows how black text looks on a background with the YUV color 84.3710, 60.9491, -42.4214.



This preview shows how white text looks on a background with the YUV color 84.3710, 60.9491, -42.4214.

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

84.3710, 60.9491, -42.4214

Protanopia

75.4190, 57.9674, -66.1425

Deuteranopia

75.8630, 44.4375, -66.5319



Tritanopia

74.2890, 18.0985, -65.1515

Trichromacy



Original Color

84.3710, 60.9491, -42.4214

Protanomaly

78.7020, 58.8139, -57.6207

Deuteranomaly

79.1120, 50.2308, -57.9802

Tritanomaly

78.0570, 33.4959, -57.0550

Monochromacy



Original Color

84.3710, 60.9491, -42.4214

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0470, 22.1618, -14.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3710, 60.9491, -42.4214 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(36, 85, 208)` looks like.

```
.text, #text, p{  
    color:rgb(36, 85, 208)  
}
```

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(36, 85, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 85, 208) }
```

Border

The CSS property to change the border of an element to YUV 84.3710, 60.9491, -42.4214 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(36, 85, 208) }
```


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

```
.border{ border-color:rgb(36, 85, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 85, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 85, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 85, 208);  
box-shadow:4px 4px 4px 4px rgb(36, 85,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 84.3710, 60.9491, -42.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 85, 208) }
```

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

```
.background{ background-color: rgb(36, 85,  
208) }
```

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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