

Converting Colors

YUV(74.1590, 65.9836,
-23.8184)

Have a look what the booklet for
YUV(74.1590, 65.9836, -23.8184)
contains.

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Color

**YUV(74.1590, 65.9836,
-23.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3ED0
RGB	47, 62, 208
RGB Percent	18%, 24%, 82%
CMY	0.8157, 0.7569, 0.1843
CMYK	0.77, 0.70, 0.00, 0.18
HSL	234°, 63%, 50%
HSV	234°, 77%, 82%
XYZ	14.2801, 8.6037, 60.5825
YIQ	74.1590, -55.8060, 42.2260

Conversions

Conversions Part 2

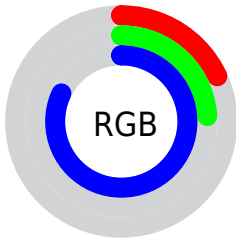
Format	Color
R_{YB}	47, 61, 208
Decimal	3096272
CIE _{Lab}	35.21, 45.08, -76.20
CIE _{LCh}	35, 88.538, 300.605
Yxy	8.6037, 0.1711, 0.1031
Android (android.graphics.Color)	4281286352 (0xFF2F3ED0)
YUV	74.1590, 65.9836, -23.8184
Hunter-Lab	29.3320, 35.5706, -101.9257




Details

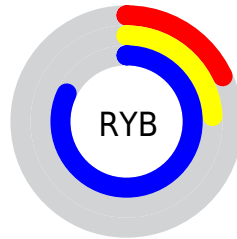
The YUV color **74.1590, 65.9836, -23.8184** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **180.8410, -65.9836, 23.8184**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **129.2210, 62.0090, -8.9638**, and **27.8940, 61.1843, -24.4630** is the 20% darker color. If you saturate the color by 10%, you get **56.7270, 74.5776, -26.9476**, and if you desaturate by 10%, it is **91.5910, 57.3896, -20.6893**.

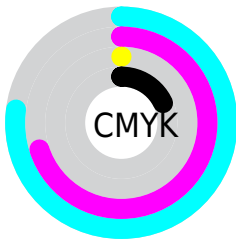
Distribution







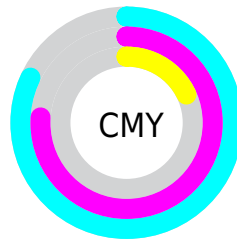
-  Red (18%)
-  Green (24%)
-  Blue (82%)






-  Red (18%)
-  Yellow (24%)
-  Blue (82%)



-  Cyan (77%)
-  Magenta (70%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (82%)
-  Magenta (76%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1590, 65.9836, -23.8184 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 74.1590, 65.9836, -23.8184 by changing the saturation by 10% instead.

■ 74.1590, 65.9836,
-23.8184

■ 74.1590, 65.9836,
-23.8184

■ 255.0000, 0.0000,
0.0000

■ 44.0000, 67.0480,
-38.5880

■ 129.2210, 62.0090,
-8.9638

■ 27.8940, 61.1843,
-24.4630

■ 153.7520, 49.9153,
-3.2905

■ 14.8370, 54.3104,
-13.0120

■ 178.2830, 37.8215,
2.3828

■ 11.2860, 43.2430,
-9.8978

■ 203.9880, 25.1489,
7.0265

■ 13.7190, 29.7185,
-12.0316

■ 229.6930, 12.4764,
11.6702

■ 8.1620, 21.1191,
-7.1581

■ 249.7170, 2.6045,

■ 4.4800, 12.0884,

4.6332

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 74.1590, 65.9836,
-23.8184

■ 74.1590, 65.9836,
-23.8184

■ 56.7270, 74.5776,
-26.9476

■ 91.5910, 57.3896,
-20.6893

■ 39.2950, 83.1716,
-30.0767

■ 109.0230, 48.7957,
-17.5602

■ 34.8650, 85.3556,
-30.5766

■ 126.1560, 40.3491,
-15.0458

■ 143.0010, 32.0445,
-11.4019

■ 160.4330, 23.4505,
-8.2727

■ 177.8650, 14.8566,
-5.1436

■ 195.2970, 6.2626,
-2.0145

■ 212.4300, -2.1840,
0.4999

■ 229.8620,
-10.7780, 3.6290

Harmonies

Analogous

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



81.2840, 72.8240, -71.2861



74.1590, 65.9836, -23.8184



66.2930, 43.2396, 84.8120

Triad

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



74.1590, 65.9836, -23.8184



71.8740, -35.4339, 72.0245



72.2710, 5.2894, -63.3817

Complementary

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



74.1590, 65.9836, -23.8184



180.8410, -65.9836, 23.8184

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.



61.6350, -30.3861, -54.0539



74.1590, 65.9836, -23.8184



77.7460, -38.3288, 20.3938

Square

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



74.1590, 65.9836, -23.8184



58.3350, -20.8712, 114.5932



58.7220, -28.9499, -47.9912



81.5390, 35.7233, -71.5097

Rectangle

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



74.1590, 65.9836, -23.8184



69.1220, 19.1669, 106.0100



58.7220, -28.9499, -47.9912



69.3070, -6.0674, -60.7822

Sweetspot

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



74.1590, 65.9836, -23.8184



206.2480, 24.0347, -8.9875



158.0370, 16.7438, -97.3794



97.8650, 14.8566, -5.1436



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.



74.1590, 65.9836, -23.8184



57.9320, 97.1545, -35.0204



84.4900, 60.8904, 23.2493



95.8410, 4.5154, -1.6146



28.5440, 68.7518, -25.0331



7.0220, 16.7512, -6.1583

Inverse Universe

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



96.8490, -17.1806, 97.4794



91.3710, -25.3259, 143.5026



170.5100, -60.8904, -23.2493



97.4030, -1.1847, 6.6626



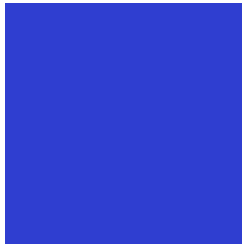
52.0560, -17.7756, 101.6829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 74.1590, 65.9836, -23.8184 looks on a white background.

Color Contrast Check

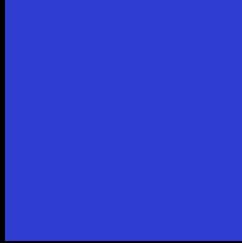
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.1590, 65.9836, -23.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

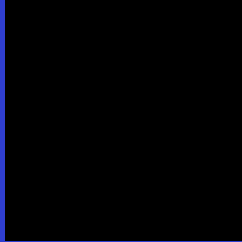
Any Text WCAG AA × Fail

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 74.1590, 65.9836, -23.8184 Background



This preview shows how black text looks on a background with the YUV color 74.1590, 65.9836, -23.8184.



This preview shows how white text looks on a background with the YUV color 74.1590, 65.9836, -23.8184.

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

74.1590, 65.9836, -23.8184

Protanopia

65.4110, 50.0834, -57.3654

Deuteranopia

66.1970, 37.8639, -58.0548

Trichromacy



Original Color

74.1590, 65.9836, -23.8184

Protanomaly

68.6820, 55.8658, -45.3251

Deuteranomaly

69.3200, 48.1562, -45.8846

Monochromacy



Original Color

74.1590, 65.9836, -23.8184

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2480, 24.0347, -8.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1590, 65.9836, -23.8184 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(47, 62, 208)` looks like.

```
.text, #text, p{  
    color:rgb(47, 62, 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(47, 62, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 62, 208) }
```

Border

The CSS property to change the border of an element to YUV 74.1590, 65.9836, -23.8184 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(47, 62, 208) }
```

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

```
.border{ border-color:rgb(47, 62, 208) }
```

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

Here you see how a box with a 4 pixel rgb(47, 62, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 62, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 62, 208);  
box-shadow:4px 4px 4px 4px rgb(47, 62,  
208) }
```


Background

The CSS property to change the background color of an element to YUV 74.1590, 65.9836, -23.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 62, 208) }
```

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

```
.background{ background-color: rgb(47, 62,  
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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