

Converting Colors

YUV(86.3790, 38.7602,
-18.7494)

Have a look what the booklet for
YUV(86.3790, 38.7602, -18.7494)
contains.

YUV(86.3790, 38.7602, -18.7494)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.3790, 38.7602,
-18.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	4152A5
RGB	65, 82, 165
RGB Percent	25%, 32%, 65%
CMY	0.7451, 0.6784, 0.3529
CMYK	0.61, 0.50, 0.00, 0.35
HSL	230°, 43%, 45%
HSV	230°, 61%, 65%
XYZ	11.9888, 9.8750, 36.8715
YIQ	86.3790, -36.7750, 22.2090

Conversions

Conversions Part 2

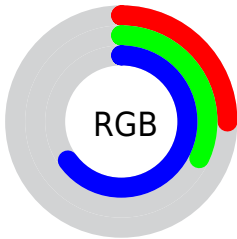
Format	Color
R_{YB}	65, 80, 165
Decimal	4280997
CIE _{Lab}	37.62, 19.65, -46.96
CIE _{LCh}	38, 50.904, 292.702
Yxy	9.8750, 0.2041, 0.1681
Android (android.graphics.Color)	4282471077 (0xFF4152A5)
YUV	86.3790, 38.7602, -18.7494
Hunter-Lab	31.4245, 13.1067, -47.5698

Details

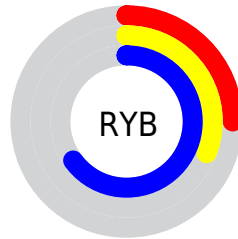
The YUV color **86.3790, 38.7602, -18.7494** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **143.6210, -38.7602, 18.7494**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5690, 40.6385, -14.5310**, and **35.0740, 37.9245, -30.7599** is the 20% darker color. If you saturate the color by 10%, you get **73.3770, 45.1701, -21.3786**, and if you desaturate by 10%, it is **99.3810, 32.3502, -16.1201**.

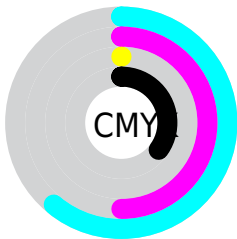
Distribution



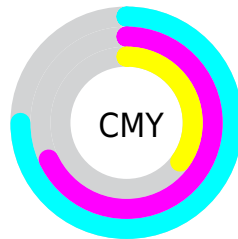
- Red (25%)
- Green (32%)
- Blue (65%)



- Red (25%)
- Yellow (31%)
- Blue (65%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3790, 38.7602, -18.7494 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 86.3790, 38.7602, -18.7494 by changing the saturation by 10% instead.

■ 86.3790, 38.7602,
-18.7494

■ 86.3790, 38.7602,
-18.7494

■ 255.0000, 0.0000,
0.0000

■ 60.2320, 38.3396,
-23.8825

■ 138.5690, 40.6385,
-14.5310

■ 35.0740, 37.9245,
-30.7599

■ 165.3950, 41.2173,
-13.5014

■ 21.0710, 32.5030,
-18.4793

■ 190.3000, 31.8971,
-10.7871

■ 7.1820, 27.5183,
-6.2986

■ 215.4070, 19.5193,
-7.3729

■ 6.3210, 16.6037,
-5.5435

■ 240.5140, 7.1416,
-3.9588

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 86.3790, 38.7602,
-18.7494

■ 86.3790, 38.7602,
-18.7494

■ 73.3770, 45.1701,
-21.3786

■ 99.3810, 32.3502,
-16.1201

■ 60.6630, 51.4381,
-25.1375

■ 112.0950, 26.0822,
-12.3613

■ 47.3620, 57.9955,
-28.3815

■ 125.0970, 19.6722,
-9.7321

■ 35.2460, 63.9687,
-30.9107

■ 138.3980, 13.1148,
-6.4880

■ 150.8130, 6.9942,
-3.3440

■ 164.1140, 0.4368,
-0.1000

■ 177.1160, -5.9732,
2.5293

■ 190.4170,
-12.5306, 5.7733

■ 202.8320,
-18.6512, 8.9173

Harmonies

Analogous

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



75.8460, 46.9109, -66.5169



86.3790, 38.7602, -18.7494



90.5120, 23.9046, 32.8770

Triad

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



86.3790, 38.7602, -18.7494



83.9040, -31.0117, 53.5812



71.0000, 2.9580, -62.2670

Complementary

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



86.3790, 38.7602, -18.7494



143.6210, -38.7602, 18.7494

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.



67.4410, -15.9934, -50.3758



86.3790, 38.7602, -18.7494



83.4050, -41.1187, 28.5858

Square

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



86.3790, 38.7602, -18.7494



82.8560, -11.2680, 67.6553



79.3750, -39.1319, -2.0829



76.3750, 21.0141, -66.9809

Rectangle

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



86.3790, 38.7602, -18.7494



86.6090, 13.5038, 55.5939



79.3750, -39.1319, -2.0829



69.2900, -3.5940, -60.7673

Sweetspot

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



86.3790, 38.7602, -18.7494



183.8540, 14.8620, -6.8880



133.0480, 6.8783, -59.6781



88.9700, 8.8888, -4.3587



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3790, 38.7602, -18.7494



91.0460, 60.6163, -28.9813



85.9680, 38.9628, 9.6751



75.2000, 3.3524, -1.9294



31.2050, 56.1009, -27.3668



3.8130, 6.9942, -3.3440

Inverse Universe

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



96.8380, -7.3151, 59.7781



107.6080, -11.6387, 93.3058



144.0320, -38.9628, -9.6751



75.9190, -0.4531, 5.3330



46.2050, -10.4541, 86.6432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 86.3790, 38.7602, -18.7494 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 86.3790, 38.7602, -18.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

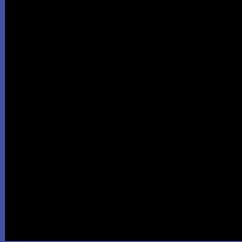
Any Text WCAG AA × Fail

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 86.3790, 38.7602, -18.7494 Background



This preview shows how black text looks on a background with the YUV color 86.3790, 38.7602, -18.7494.



This preview shows how white text looks on a background with the YUV color 86.3790, 38.7602,

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

86.3790, 38.7602, -18.7494

Protanopia

81.4200, 43.1769, -35.4483

Deuteranopia

70.9560, 43.4057, -62.2284



Tritanopia

79.5590, 12.0494, -38.2012

Trichromacy



Original Color

86.3790, 38.7602, -18.7494

Protanomaly

83.4100, 41.7029, -29.3006

Deuteranomaly

76.5990, 41.6097, -46.1293

Tritanomaly

82.4210, 21.4844, -31.0642

Monochromacy



Original Color

86.3790, 38.7602, -18.7494

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3270, 14.1358, -7.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3790, 38.7602, -18.7494 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(65, 82, 165)` looks like.

```
.text, #text, p{  
    color:rgb(65, 82, 165)  
}
```

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(65, 82, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 82, 165) }
```

Border

The CSS property to change the border of an element to YUV 86.3790, 38.7602, -18.7494 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(65, 82, 165) }
```


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

```
.border{ border-color:rgb(65, 82, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 82, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 82, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 82, 165);  
box-shadow:4px 4px 4px 4px rgb(65, 82,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 86.3790, 38.7602, -18.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 82, 165) }
```

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

```
.background{ background-color: rgb(65, 82,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor