

Converting Colors

YUV(75.0850, 34.4681,
-42.1705)

Have a look what the booklet for
YUV(75.0850, 34.4681, -42.1705)
contains.

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Color

**YUV(75.0850, 34.4681,
-42.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5691
RGB	27, 86, 145
RGB Percent	11%, 34%, 57%
CMY	0.8941, 0.6627, 0.4314
CMYK	0.81, 0.41, 0.00, 0.43
HSL	210°, 69%, 34%
HSV	210°, 81%, 57%
XYZ	8.8906, 8.9329, 28.0437
YIQ	75.0850, -54.1030, 5.8410

Conversions

Conversions Part 2

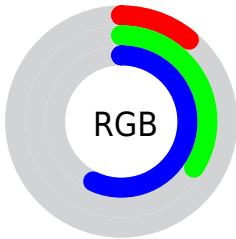
Format	Color
R_{YB}	27, 66, 145
Decimal	1791633
CIE _{Lab}	35.85, 3.46, -37.84
CIE _{LCh}	36, 38.002, 275.220
Yxy	8.9329, 0.1938, 0.1948
Android (android.graphics.Color)	4279981713 (0xFF1B5691)
YUV	75.0850, 34.4681, -42.1705
Hunter-Lab	29.8880, 0.7934, -34.7098

Details

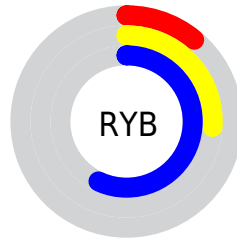
The YUV color **75.0850, 34.4681, -42.1705** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.9150, -34.4681, 42.1705**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1400, 34.4410, -33.4488**, and **35.3700, 28.9046, -31.0195** is the 20% darker color. If you saturate the color by 10%, you get **66.4910, 38.7049, -47.7886**, and if you desaturate by 10%, it is **83.6790, 30.2313, -36.5525**.

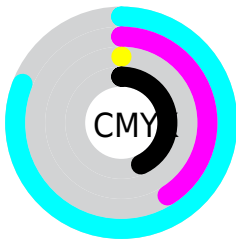
Distribution



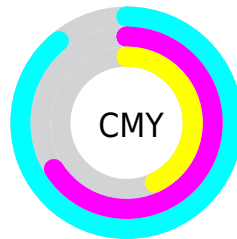
- Red (11%)
- Green (34%)
- Blue (57%)



- Red (11%)
- Yellow (26%)
- Blue (57%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (66%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0850, 34.4681, -42.1705 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 75.0850, 34.4681, -42.1705 by changing the saturation by 10% instead.

■ 75.0850, 34.4681,
-42.1705

■ 75.0850, 34.4681,
-42.1705

■ 255.0000, 0.0000,
0.0000

■ 50.5470, 33.7473,
-44.3297

■ 129.1400, 34.4410,
-33.4488

■ 35.3700, 28.9046,
-31.0195

■ 156.0800, 35.4566,
-32.5192

■ 20.8940, 24.2093,
-18.3240

■ 183.3790, 35.3092,
-31.9044

■ 7.7060, 19.3719,
-6.7582

■ 208.4860, 22.9314,
-28.4902

■ 3.4370, 10.6306,
-3.0142

■ 233.5930, 10.5537,
-25.0761

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 75.0850, 34.4681,
-42.1705

■ 75.0850, 34.4681,
-42.1705

■ 66.4910, 38.7049,
-47.7886

■ 83.6790, 30.2313,
-36.5525

■ 59.3810, 42.2102,
-52.0771

■ 91.9740, 26.1418,
-31.5492

■ 100.8560, 21.7630,
-27.0607

■ 109.4500, 17.5262,
-21.4426

■ 117.7450, 13.4367,
-16.4394

■ 126.9260, 8.9105,
-11.3361

■ 135.5200, 4.6736,
-5.7180

■ 143.8150, 0.5842,
-0.7148

■ 152.4090, -3.6526,
4.9033

Harmonies

Analogous

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



71.0240, 33.5122, -62.2880



75.0850, 34.4681, -42.1705



86.5210, 23.4071, 5.6821

Triad

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



75.0850, 34.4681, -42.1705



83.1710, -15.8603, 47.2080



65.6440, -3.7685, -51.4308

Complementary

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



75.0850, 34.4681, -42.1705



96.9150, -34.4681, 42.1705

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.



77.2610, -22.8067, -11.6299



75.0850, 34.4681, -42.1705



82.2220, -26.7314, 34.0083

Square

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



75.0850, 34.4681, -42.1705



83.5530, -1.7516, 48.6270



80.6510, -30.8869, 13.4611



68.2590, 10.2253, -59.8631

Rectangle

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



75.0850, 34.4681, -42.1705



86.7040, 15.9219, 26.5696



80.6510, -30.8869, 13.4611



72.2890, -11.9745, -32.7025

Sweetspot

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



75.0850, 34.4681, -42.1705



161.7450, 13.4367, -16.4394



102.9920, -8.3771, -66.6450



78.2960, 7.7421, -9.9066



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.0850, 34.4681, -42.1705



79.0940, 54.1837, -65.8574



40.4520, 51.5422, -11.7974



67.1460, 1.9000, -2.7590



55.3060, 39.2891, -48.5034



3.2600, 2.3368, -2.8590

Inverse Universe

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



69.0080, 8.3771, 66.6450



69.8030, 12.9151, 104.5358



131.5480, -51.5422, 11.7974



66.5490, 0.7153, 3.9035



48.1170, 9.8023, 76.1964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 75.0850, 34.4681, -42.1705 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 75.0850, 34.4681, -42.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

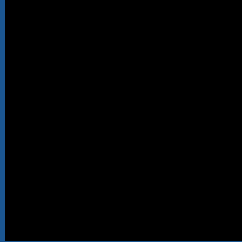
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0850, 34.4681, -42.1705

Background



This preview shows how black text looks on a background with the YUV color 75.0850, 34.4681, -42.1705.



This preview shows how white text looks on a background with the YUV color 75.0850, 34.4681, -42.1705.

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

75.0850, 34.4681, -42.1705

Protanopia

81.8490, 29.1614, -20.0386

Deuteranopia

77.1890, 33.4308, -36.1228



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

75.0850, 34.4681, -42.1705

Protanomaly

78.9620, 31.0777, -28.0307

Deuteranomaly

76.2920, 33.8730, -37.9671

Tritanomaly

69.0440, 23.1493, -51.7816

Monochromacy



Original Color

75.0850, 34.4681, -42.1705

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1150, 12.2683, -15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0850, 34.4681, -42.1705 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(27, 86, 145)` looks like.

```
.text, #text, p{  
    color:rgb(27, 86, 145)  
}
```

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(27, 86, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 86, 145) }
```

Border

The CSS property to change the border of an element to YUV 75.0850, 34.4681, -42.1705 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(27, 86, 145) }
```


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

```
.border{ border-color:rgb(27, 86, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 86, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 86, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 86, 145);  
box-shadow:4px 4px 4px 4px rgb(27, 86,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 75.0850, 34.4681, -42.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 86, 145) }
```

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

```
.background{ background-color: rgb(27, 86,  
145) }
```

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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