

Converting Colors

YUV(85.4740, 41.1783,
-47.7737)

Have a look what the booklet for
YUV(85.4740, 41.1783, -47.7737)
contains.

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Color

**YUV(85.4740, 41.1783,
-47.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	1F61A9
RGB	31, 97, 169
RGB Percent	12%, 38%, 66%
CMY	0.8784, 0.6196, 0.3373
CMYK	0.82, 0.43, 0.00, 0.34
HSL	211°, 69%, 39%
HSV	211°, 82%, 66%
XYZ	12.0012, 11.7053, 39.1629
YIQ	85.4740, -62.4480, 8.4000

Conversions

Conversions Part 2

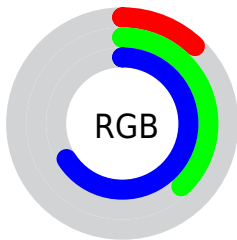
Format	Color
R_{YB}	31, 76, 169
Decimal	2056617
CIE Lab	40.74, 6.26, -44.40
CIE LCh	41, 44.838, 278.020
Yxy	11.7053, 0.1909, 0.1862
Android (android.graphics.Color)	4280246697 (0xFF1F61A9)
YUV	85.4740, 41.1783, -47.7737
Hunter-Lab	34.2130, 2.7414, -43.9191

Details

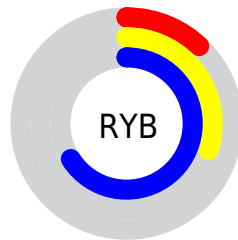
The YUV color **85.4740, 41.1783, -47.7737** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.5260, -41.1783, 47.7737**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5400, 41.1458, -37.3076**, and **43.7480, 35.6202, -38.3670** is the 20% darker color. If you saturate the color by 10%, you get **75.1080, 46.2888, -53.5917**, and if you desaturate by 10%, it is **95.8400, 36.0679, -41.9557**.

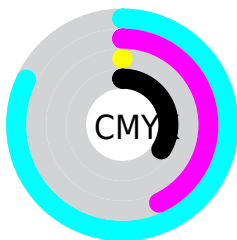
Distribution



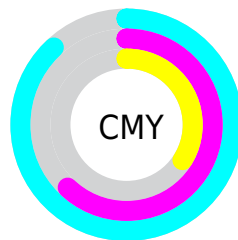
- Red (12%)
- Green (38%)
- Blue (66%)



- Red (12%)
- Yellow (30%)
- Blue (66%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)



- Cyan (88%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4740, 41.1783, -47.7737 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 85.4740, 41.1783, -47.7737 by changing the saturation by 10% instead.

■ 85.4740, 41.1783,
-47.7737

■ 85.4740, 41.1783,
-47.7737

■ 255.0000, 0.0000,
0.0000

■ 59.6260, 40.6104,
-52.2920

■ 141.5400, 41.1458,
-37.3076

■ 43.7480, 35.6202,
-38.3670

■ 169.3660, 41.7246,
-36.2780

■ 28.5710, 30.7775,
-25.0568

■ 194.0000, 30.0730,
-32.4490

■ 10.5730, 27.8185,
-9.2725

■ 219.1070, 17.6952,
-29.0348

■ 6.7770, 18.3509,
-5.9434

■ 243.3390, 5.7489,
-23.9763

■ 3.0950, 9.3202,
-2.7143

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 85.4740, 41.1783,
-47.7737

■ 85.4740, 41.1783,
-47.7737

■ 75.1080, 46.2888,
-53.5917

■ 95.8400, 36.0679,
-41.9557

■ 66.8130, 50.3782,
-58.5950

■ 106.2060, 30.9574,
-36.1377

■ 115.9850, 26.1364,
-29.8048

■ 126.3510, 21.0260,
-23.9868

■ 136.4180, 16.0629,
-18.7836

■ 146.7840, 10.9525,
-12.9656

■ 157.1500, 5.8421,
-7.1475

■ 167.5160, 0.7316,
-1.3295

■ 177.2950, -4.0894,
5.0033

Harmonies

Analogous

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



81.5050, 40.6700, -71.4799



85.4740, 41.1783, -47.7737



98.5800, 27.3221, 10.0153

Triad

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



85.4740, 41.1783, -47.7737



93.4880, -19.9606, 55.7000



73.3820, -3.1463, -64.3560

Complementary

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



85.4740, 41.1783, -47.7737



114.5260, -41.1783, 47.7737

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.



86.3050, -26.2794, -17.8075



85.4740, 41.1783, -47.7737



92.7080, -33.8730, 37.9671

Square

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



85.4740, 41.1783, -47.7737



94.2770, -3.0946, 59.3931



90.0010, -38.4545, 14.0311



78.8880, 12.8732, -69.1848

Rectangle

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



85.4740, 41.1783, -47.7737



98.3290, 18.0788, 34.7915



90.0010, -38.4545, 14.0311



78.3150, -11.4943, -46.7573

Sweetspot

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



85.4740, 41.1783, -47.7737



187.6030, 15.4787, -18.0688



120.1000, -8.9233, -78.1407



90.4530, 9.6367, -10.9213



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



85.4740, 41.1783, -47.7737



88.9710, 64.1043, -74.5196



47.3300, 59.9833, -12.5674



79.2600, 2.3368, -2.8590



58.5490, 44.0993, -51.3475



8.1500, 5.8421, -7.1475

Inverse Universe

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



79.7860, 8.4865, 78.2407



80.0270, 13.2977, 121.8793



152.6700, -59.9833, 12.5674



78.8480, 0.5679, 4.5183



52.3460, 9.1964, 83.8886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 85.4740, 41.1783, -47.7737 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 85.4740, 41.1783, -47.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

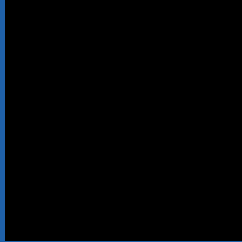
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4740, 41.1783, -47.7737

Background



This preview shows how black text looks on a background with the YUV color 85.4740, 41.1783, -47.7737.



This preview shows how white text looks on a background with the YUV color 85.4740, 41.1783, -47.7737.

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

85.4740, 41.1783, -47.7737

Protanopia

92.5370, 35.7243, -25.0269

Deuteranopia

85.1750, 41.3257, -48.3885



Tritanopia

75.2180, 19.1195, -65.9662

Trichromacy



Original Color

85.4740, 41.1783, -47.7737

Protanomaly

89.6500, 37.6405, -33.0191

Deuteranomaly

85.1750, 41.3257, -48.3885

Tritanomaly

79.0260, 27.1022, -59.6588

Monochromacy



Original Color

85.4740, 41.1783, -47.7737

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9020, 15.3313, -17.4541

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4740, 41.1783, -47.7737 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(31, 97, 169)` looks like.

```
.text, #text, p{  
    color:rgb(31, 97, 169)  
}
```

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(31, 97, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 97, 169) }
```

Border

The CSS property to change the border of an element to YUV 85.4740, 41.1783, -47.7737 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(31, 97, 169) }
```


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

```
.border{ border-color:rgb(31, 97, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 97, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 97, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 97, 169);  
box-shadow:4px 4px 4px 4px rgb(31, 97,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 85.4740, 41.1783, -47.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 97, 169) }
```

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

```
.background{ background-color: rgb(31, 97,  
169) }
```

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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