

Converting Colors

YUV(47.5730, 57.8915,
-41.7215)

Have a look what the booklet for
YUV(47.5730, 57.8915, -41.7215)
contains.

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Color

**YUV(47.5730, 57.8915,
-41.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	0031A5
RGB	0, 49, 165
RGB Percent	0%, 19%, 65%
CMY	1.0000, 0.8078, 0.3529
CMYK	1.00, 0.70, 0.00, 0.35
HSL	222°, 100%, 32%
HSV	222°, 100%, 65%
XYZ	7.8898, 4.9132, 36.1298
YIQ	47.5730, -66.4400, 25.6880

Conversions

Conversions Part 2

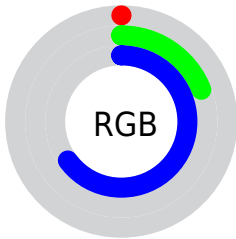
Format	Color
RYB	0, 38, 165
Decimal	12709
CIELab	26.49, 34.98, -65.21
CIElCh	26, 74.001, 298.211
Yxy	4.9132, 0.1612, 0.1004
Android (android.graphics.Color)	4278202789 (0xFF0031A5)
YUV	47.5730, 57.8915, -41.7215
Hunter-Lab	22.1658, 24.7462, -81.1253

Details

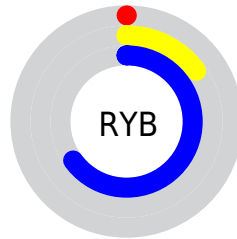
The YUV color **47.5730, 57.8915, -41.7215** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **117.4270, -57.8915, 41.7215**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8690, 55.7736, -15.6711**, and **18.6380, 46.0275, -16.3455** is the 20% darker color. If you saturate the color by 10%, you get **47.5730, 57.8915, -41.7215**, and if you desaturate by 10%, it is **59.4010, 52.0603, -38.0627**.

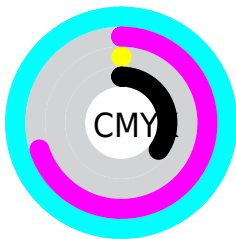
Distribution



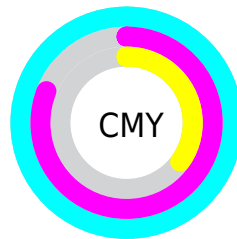
- Red (0%)
- Green (19%)
- Blue (65%)



- Red (0%)
- Yellow (15%)
- Blue (65%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (81%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5730, 57.8915, -41.7215 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 47.5730, 57.8915, -41.7215 by changing the saturation by 10% instead.

■ 47.5730, 57.8915,
-41.7215

■ 47.5730, 57.8915,
-41.7215

■ 255.0000, 0.0000,
0.0000

■ 32.1680, 52.1752,
-28.2113

■ 107.8690, 55.7736,
-15.6711

■ 18.6380, 46.0275,
-16.3455

■ 135.1190, 56.6363,
-12.3824

■ 9.8040, 37.5646,
-8.5981

■ 159.9210, 46.8739,
-7.8237

■ 10.5900, 25.3451,
-9.2874

■ 184.1530, 34.9276,
-2.7652

■ 6.2070, 16.1669,
-5.4435

■ 209.5590, 22.4024,
1.2638

■ 2.5250, 7.1362,
-2.2144

■ 234.9650, 9.8773,

■ 0.0000, 0.0000,

5.2927

0.0000

■ 47.5730, 57.8915,
-41.7215

■ 59.4010, 52.0603,
-38.0627

■ 70.9410, 46.3711,
-33.2743

■ 83.0680, 40.3925,
-29.0006

■ 94.3090, 34.8507,
-24.8270

■ 106.1370, 29.0195,
-21.1681

■ 118.2640, 23.0408,
-16.8945

■ 129.5050, 17.4990,
-12.7209

■ 141.6320, 11.5204,
-8.4473

■ 152.8730, 5.9786,
-4.2736

Harmonies

Analogous

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



63.2570, 57.0613, -55.4764



47.5730, 57.8915, -41.7215



50.5000, 35.7425, 62.7055

Triad

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



47.5730, 57.8915, -41.7215



52.9140, -26.0866, 60.5884



54.7460, 1.6042, -48.0122

Complementary

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



47.5730, 57.8915, -41.7215



117.4270, -57.8915, 41.7215

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.



46.9600, -23.1513, -41.1839



47.5730, 57.8915, -41.7215



59.4390, -29.3034, 18.9090

Square

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



47.5730, 57.8915, -41.7215



45.8480, -15.7011, 89.5873



47.9230, -23.6260, -28.8735



61.9450, 26.6491, -54.3258

Rectangle

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



47.5730, 57.8915, -41.7215



53.5720, 16.4800, 81.0594



47.9230, -23.6260, -28.8735



51.7650, -7.2791, -45.3979

Sweetspot

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



47.5730, 57.8915, -41.7215



168.4490, 22.4566, -16.1798



110.0790, 2.9191, -96.5393



79.7890, 13.4150, -9.4620



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.



47.5730, 57.8915, -41.7215



61.9640, 74.9537, -54.3424



28.6770, 67.2072, 3.7913



75.7870, 3.0630, -2.4442



41.7710, 50.8919, -36.6332



4.9870, 6.4154, -4.3736

Inverse Universe

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



54.9210, -2.9191, 96.5393



71.2820, -3.5900, 125.1637



136.3230, -67.2072, -3.7913



76.0330, -0.0163, 5.2331



48.2570, -2.5917, 84.8436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 47.5730, 57.8915, -41.7215 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 47.5730, 57.8915, -41.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

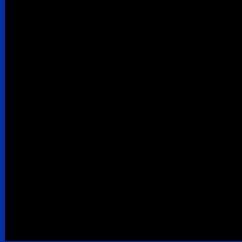
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5730, 57.8915, -41.7215

Background



This preview shows how black text looks on a background with the YUV color 47.5730, 57.8915, -41.7215.



This preview shows how white text looks on a background with the YUV color 47.5730, 57.8915,

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

47.5730, 57.8915, -41.7215

Deuteranopia

50.5810, 28.8006, -44.3595

Tritanopia

49.5260, 12.0657, -43.4343

Trichromacy



Original Color

47.5730, 57.8915, -41.7215

Deuteranomaly

49.3390, 39.2729, -43.2703

Tritanomaly

48.5920, 28.7951, -42.6152

Monochromacy



Original Color

47.5730, 57.8915, -41.7215

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8190, 21.2882, -14.7503

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5730, 57.8915, -41.7215 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(0, 49, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 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(0, 49, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 165) }
```

Border

The CSS property to change the border of an element to YUV 47.5730, 57.8915, -41.7215 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(0, 49, 165) }
```

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

```
.border{ border-color:rgb(0, 49, 165) }
```

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

Here you see how a box with a 4 pixel rgb(0, 49, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 165)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.5730, 57.8915, -41.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 165) }
```

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

```
.background{ background-color: rgb(0, 49,  
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](#).

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