

Converting Colors

YUV(74.7860, 47.9265,
-65.5873)

Have a look what the booklet for
YUV(74.7860, 47.9265, -65.5873)
contains.

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Color

**YUV(74.7860, 47.9265,
-65.5873)**

Conversions

Conversions Part 1

Format	Color
Hex	005EAC
RGB	0, 94, 172
RGB Percent	0%, 37%, 67%
CMY	1.0000, 0.6314, 0.3255
CMYK	1.00, 0.45, 0.00, 0.33
HSL	207°, 100%, 34%
HSV	207°, 100%, 67%
XYZ	11.4491, 10.9840, 40.5464
YIQ	74.7860, -81.0620, 4.3300

Conversions

Conversions Part 2

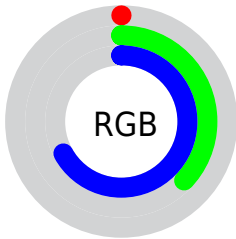
Format	Color
RYB	0, 61, 172
Decimal	24236
CIELab	39.55, 7.48, -48.11
CIELCh	40, 48.685, 278.837
Yxy	10.9840, 0.1818, 0.1744
Android (android.graphics.Color)	4278214316 (0xFF005EAC)
YUV	74.7860, 47.9265, -65.5873
Hunter-Lab	33.1421, 3.6651, -49.3367

Details

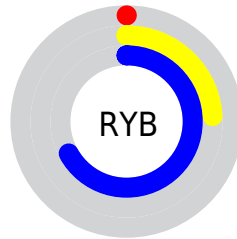
The YUV color **74.7860, 47.9265, -65.5873** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **97.2140, -47.9265, 65.5873**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4300, 44.6510, -41.5961**, and **42.3290, 37.7988, -37.1225** is the 20% darker color. If you saturate the color by 10%, you get **74.7860, 47.9265, -65.5873**, and if you desaturate by 10%, it is **84.5650, 43.1055, -59.2545**.

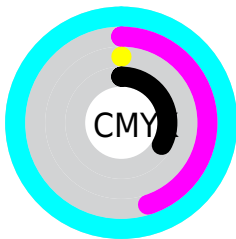
Distribution



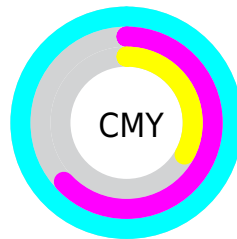
- Red (0%)
- Green (37%)
- Blue (67%)



- Red (0%)
- Yellow (24%)
- Blue (67%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.7860, 47.9265, -65.5873 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 74.7860, 47.9265, -65.5873 by changing the saturation by 10% instead.

■ 74.7860, 47.9265,
-65.5873

■ 74.7860, 47.9265,
-65.5873

■ 255.0000, 0.0000,
0.0000

■ 58.2070, 42.7889,
-51.0475

■ 137.4300, 44.6510,
-41.5961

■ 42.3290, 37.7988,
-37.1225

■ 164.7400, 44.4982,
-39.2370

■ 27.7390, 32.6667,
-24.3271

■ 189.5590, 32.2624,
-34.6932

■ 9.7410, 29.7077,
-8.5429

■ 214.6660, 19.8847,
-31.2791

■ 7.5920, 18.9351,
-6.6582

■ 240.6590, 7.0701,
-27.7649

■ 3.4370, 10.6306,
-3.0142

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 74.7860, 47.9265,
-65.5873

■ 84.5650, 43.1055,
-59.2545

■ 94.3440, 38.2844,
-52.9217

■ 103.8350, 33.6053,
-45.4593

■ 113.6140, 28.7843,
-39.1265

■ 123.3930, 23.9633,
-32.7937

■ 133.1720, 19.1422,
-26.4608

■ 142.9510, 14.3212,
-20.1280

■ 152.4420, 9.6421,
-12.6656

■ 162.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



80.6730, 42.5592, -70.7502



74.7860, 47.9265, -65.5873



95.4600, 29.3532, 11.8746

Triad

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



74.7860, 47.9265, -65.5873



89.0540, -21.7186, 59.5886



71.7520, -4.3147, -62.9265

Complementary

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



74.7860, 47.9265, -65.5873



97.2140, -47.9265, 65.5873

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.



81.7130, -28.4525, -20.7963



74.7860, 47.9265, -65.5873



89.0520, -38.9726, 40.2964

Square

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



74.7860, 47.9265, -65.5873



89.0220, -2.9688, 65.7557



85.9640, -42.3803, 13.1866



77.6000, 13.0152, -68.0552

Rectangle

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



74.7860, 47.9265, -65.5873



95.1060, 19.6677, 38.4950



85.9640, -42.3803, 13.1866



69.0960, -9.4143, -60.5972

Sweetspot

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



74.7860, 47.9265, -65.5873



186.3570, 18.5580, -25.7461



109.7420, -16.1418, -96.2437



89.4740, 11.1053, -15.3247



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



74.7860, 47.9265, -65.5873



97.7370, 62.2477, -85.7153



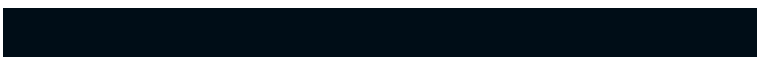
24.8910, 72.5247, -21.8294



81.9610, 2.4842, -3.4738



65.2340, 41.7896, -57.2102



10.2530, 6.2843, -8.9919

Inverse Universe

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



62.1440, 15.7050, 96.3437



80.9980, 20.7070, 125.4128



147.1090, -72.5247, 21.8294



81.2610, 0.8573, 5.0331



54.1980, 13.7064, 84.0184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 74.7860, 47.9265, -65.5873 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 74.7860, 47.9265, -65.5873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

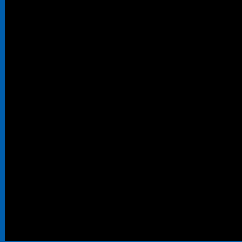
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.7860, 47.9265, -65.5873

Background



This preview shows how black text looks on a background with the YUV color 74.7860, 47.9265, -65.5873.



This preview shows how white text looks on a background with the YUV color 74.7860, 47.9265, -65.5873.

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

74.7860, 47.9265, -65.5873

Protanopia

89.0140, 38.9401, -29.8303

Deuteranopia

74.8030, 45.4531, -65.6022



Tritanopia

73.5880, 17.9511, -64.5367

Trichromacy



Original Color

74.7860, 47.9265, -65.5873

Protanomaly

83.7350, 42.0356, -42.7406

Deuteranomaly

75.0310, 46.3267, -65.8022

Tritanomaly

73.8620, 29.1550, -64.7770

Monochromacy



Original Color

74.7860, 47.9265, -65.5873

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0260, 17.2422, -23.7018

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7860, 47.9265, -65.5873 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, 94, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 172)  
}
```

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, 94, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 172) }
```

Border

The CSS property to change the border of an element to YUV 74.7860, 47.9265, -65.5873 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, 94, 172) }
```


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

```
.border{ border-color:rgb(0, 94, 172) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 172)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.7860, 47.9265, -65.5873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 172) }
```

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

```
.background{ background-color: rgb(0, 94,  
172) }
```

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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