

Converting Colors

YUV(74.4610, 44.1427,
-65.3023)

Have a look what the booklet for
YUV(74.4610, 44.1427, -65.3023)
contains.

YUV(74.4610, 44.1427, -65.3023)	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>	30

Color

**YUV(74.4610, 44.1427,
-65.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	005FA4
RGB	0, 95, 164
RGB Percent	0%, 37%, 64%
CMY	1.0000, 0.6275, 0.3569
CMYK	1.00, 0.42, 0.00, 0.36
HSL	205°, 100%, 32%
HSV	205°, 100%, 64%
XYZ	10.7930, 10.8648, 36.6502
YIQ	74.4610, -78.7690, 1.3190

Conversions

Conversions Part 2

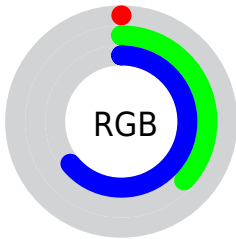
Format	Color
RYB	0, 60, 164
Decimal	24484
CIELab	39.35, 3.54, -43.69
CIELCh	39, 43.833, 274.631
Yxy	10.8648, 0.1851, 0.1863
Android (android.graphics.Color)	4278214564 (0xFF005FA4)
YUV	74.4610, 44.1427, -65.3023
Hunter-Lab	32.9617, 0.7654, -42.8515

Details

The YUV color **74.4610, 44.1427, -65.3023** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.5390, -44.1427, 65.3023**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0940, 40.8727, -43.0554**, and **42.1180, 34.4518, -36.9375** is the 20% darker color. If you saturate the color by 10%, you get **74.4610, 44.1427, -65.3023**, and if you desaturate by 10%, it is **83.3540, 39.7585, -59.0695**.

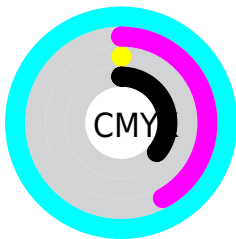
Distribution



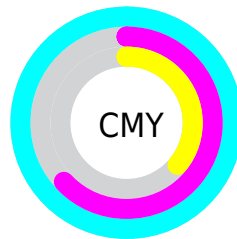
- Red (0%)
- Green (37%)
- Blue (64%)



- Red (0%)
- Yellow (24%)
- Blue (64%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4610, 44.1427, -65.3023 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 74.4610, 44.1427, -65.3023 by changing the saturation by 10% instead.

■ 74.4610, 44.1427,
-65.3023

■ 74.4610, 44.1427,
-65.3023

■ 255.0000, 0.0000,
0.0000

■ 57.8820, 39.0052,
-50.7625

■ 136.0940, 40.8727,
-43.0554

■ 42.1180, 34.4518,
-36.9375

■ 163.6320, 41.5934,
-40.8963

■ 27.5280, 29.3197,
-24.1421

■ 189.8360, 32.1259,
-37.5672

■ 10.7040, 25.7819,
-9.3874

■ 214.3560, 20.0375,
-33.6382

■ 6.3210, 16.6037,
-5.5435

■ 240.0500, 7.3704,
-30.7388

■ 2.6390, 7.5730,
-2.3144

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 74.4610, 44.1427,
-65.3023

■ 83.3540, 39.7585,
-59.0695

■ 92.5460, 35.2268,
-52.2218

■ 101.4390, 30.8426,
-45.9890

■ 110.6310, 26.3109,
-39.1414

■ 118.9370, 22.2161,
-32.3937

■ 127.8300, 17.8318,
-26.1609

■ 137.0220, 13.3002,
-19.3133

■ 145.9150, 8.9159,
-13.0805

■ 155.1070, 4.3842,
-6.2328

Harmonies

Analogous

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



78.9460, 38.4806, -69.2356



74.4610, 44.1427, -65.3023



95.0740, 28.0645, 5.1971

Triad

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



74.4610, 44.1427, -65.3023



90.0580, -17.7766, 55.2001



69.7630, -4.3202, -61.1822

Complementary

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



74.4610, 44.1427, -65.3023



89.5390, -44.1427, 65.3023

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.



83.8110, -27.0218, -12.9892



74.4610, 44.1427, -65.3023



89.7020, -31.4051, 39.7263

Square

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



74.4610, 44.1427, -65.3023



90.8360, -0.9051, 57.1488



87.5390, -37.7337, 16.1903



75.6280, 10.5364, -66.3258

Rectangle

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



74.4610, 44.1427, -65.3023



95.2360, 19.1107, 30.4880



87.5390, -37.7337, 16.1903



77.6750, -14.1368, -39.1800

Sweetspot

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



74.4610, 44.1427, -65.3023



179.0150, 17.2476, -25.4462



104.0200, -17.7579, -91.2255



86.2460, 10.2317, -15.1247



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.



74.4610, 44.1427, -65.3023



97.1840, 57.5903, -85.2304



26.9140, 67.5834, -23.6036



76.9610, 2.4842, -3.4738



65.8380, 39.0269, -57.7399



7.9220, 4.9685, -6.9476

Inverse Universe

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



59.8660, 17.3211, 91.3255



78.1220, 22.6179, 119.1650



137.0860, -67.5834, 23.6036



76.2610, 0.8573, 5.0331



52.9310, 15.3170, 80.7445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 74.4610, 44.1427, -65.3023 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 74.4610, 44.1427, -65.3023 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 74.4610, 44.1427, -65.3023

Background



This preview shows how black text looks on a background with the YUV color 74.4610, 44.1427, -65.3023.



This preview shows how white text looks on a background with the YUV color 74.4610, 44.1427, -65.3023.

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



Protanopia

89.4940, 34.2665, -24.1122

Deuteranopia

81.9470, 40.4521, -48.1885

Tritanopia

73.0010, 18.2405, -64.0219

Trichromacy



Protanomaly

84.0190, 37.9516, -39.4817

Deuteranomaly

78.9570, 41.9262, -54.3363

Tritanomaly

73.5200, 27.8446, -64.4770

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.3850, 16.0792, -24.0166

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4610, 44.1427, -65.3023 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, 95, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 164)  
}
```

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, 95, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 164) }
```

Border

The CSS property to change the border of an element to YUV 74.4610, 44.1427, -65.3023 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, 95, 164) }
```

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

```
.border{ border-color:rgb(0, 95, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 164)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.4610, 44.1427, -65.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 164) }
```

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

```
.background{ background-color: rgb(0, 95,  
164) }
```

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