

Converting Colors

YUV(74.4150, 33.8124,
-65.2620)

Have a look what the booklet for
YUV(74.4150, 33.8124, -65.2620)
contains.

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Color

**YUV(74.4150, 33.8124,
-65.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	00638F
RGB	0, 99, 143
RGB Percent	0%, 39%, 56%
CMY	1.0000, 0.6118, 0.4392
CMYK	1.00, 0.31, 0.00, 0.44
HSL	198°, 100%, 28%
HSV	198°, 100%, 56%
XYZ	9.4198, 10.9069, 27.5954
YIQ	74.4150, -73.1280, -7.3040

Conversions

Conversions Part 2

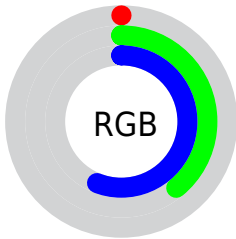
Format	Color
R _{YB}	0, 59, 143
Decimal	25487
CIE _{Lab}	39.42, -7.51, -31.01
CIE _{LCh}	39, 31.906, 256.392
Yxy	10.9069, 0.1966, 0.2276
Android (android.graphics.Color)	4278215567 (0xFF00638F)
YUV	74.4150, 33.8124, -65.2620
Hunter-Lab	33.0255, -6.8817, -26.4235

Details

The YUV color **74.4150, 33.8124, -65.2620** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.5850, -33.8124, 65.2620**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0260, 30.5532, -46.5038**, and **41.5990, 24.8477, -36.4823** is the 20% darker color. If you saturate the color by 10%, you get **74.4150, 33.8124, -65.2620**, and if you desaturate by 10%, it is **80.9490, 30.5911, -58.7143**.

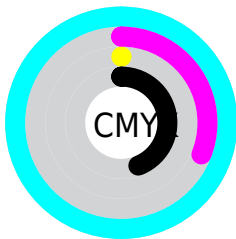
Distribution



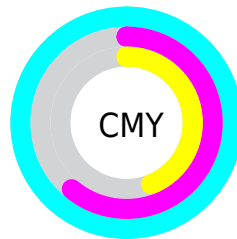
- Red (0%)
- Green (39%)
- Blue (56%)



- Red (0%)
- Yellow (23%)
- Blue (56%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4150, 33.8124, -65.2620 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 74.4150, 33.8124, -65.2620 by changing the saturation by 10% instead.

■ 74.4150, 33.8124,
-65.2620

■ 74.4150, 33.8124,
-65.2620

■ 255.0000, 0.0000,
0.0000

■ 57.3630, 29.4010,
-50.3074

■ 135.0260, 30.5532,
-46.5038

■ 41.5990, 24.8477,
-36.4823

■ 162.1510, 30.9846,
-44.8594

■ 26.5360, 20.4418,
-23.2721

■ 190.2650, 31.4214,
-44.9594

■ 7.5920, 18.9351,
-6.6582

■ 215.4860, 19.4804,
-41.6452

■ 3.4370, 10.6306,
-3.0142

■ 237.6580, 8.5496,
-35.6571

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 74.4150, 33.8124,
-65.2620

■ 80.9490, 30.5911,
-58.7143

■ 88.3690, 26.9331,
-52.0666

■ 94.9030, 23.7118,
-45.5189

■ 102.0240, 20.2012,
-39.4860

■ 108.8570, 16.8325,
-32.3236

■ 115.3910, 13.6112,
-25.7759

■ 122.5120, 10.1006,
-19.7430

■ 129.0460, 6.8793,
-13.1953

■ 136.4660, 3.2213,
-6.5477

Harmonies

Analogous

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



75.8680, 26.6871, -66.5362



74.4150, 33.8124, -65.2620



92.4430, 24.9246, -14.4205

Triad

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



74.4150, 33.8124, -65.2620



93.8420, -6.8241, 42.2346



85.6930, -14.6386, -18.1478

Complementary

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



74.4150, 33.8124, -65.2620



68.5850, -33.8124, 65.2620

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.



89.1320, -23.7291, 4.2692



74.4150, 33.8124, -65.2620



92.5350, -18.0118, 37.2418

Square

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



74.4150, 33.8124, -65.2620



95.3000, 5.2751, 34.8169



91.1390, -24.2255, 23.5571



77.0340, 1.4622, -49.1418

Rectangle

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



74.4150, 33.8124, -65.2620



95.1960, 19.6234, 5.9671



91.1390, -24.2255, 23.5571



87.1240, -18.3021, -9.7557

Sweetspot

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



74.4150, 33.8124, -65.2620



159.2770, 13.1744, -25.6759



88.8430, -22.6006, -77.9153



77.9640, 7.9057, -15.7544



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.



74.4150, 33.8124, -65.2620



96.9270, 43.9130, -85.0050



33.3250, 54.0698, -29.2260



67.7330, 1.6106, -3.2738



70.5680, 31.7650, -61.8881



3.8470, 2.0474, -3.3738

Inverse Universe

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



54.0430, 22.1638, 78.0153



70.3200, 28.9292, 101.4514



109.6750, -54.0698, 29.2260



66.6630, 1.1521, 3.8035



51.0810, 21.1591, 73.5970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 74.4150, 33.8124, -65.2620 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 74.4150, 33.8124, -65.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

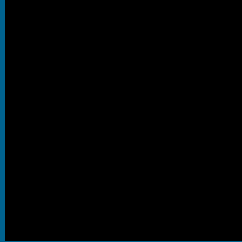
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4150, 33.8124, -65.2620

Background



This preview shows how black text looks on a background with the YUV color 74.4150, 33.8124, -65.2620.



This preview shows how white text looks on a background with the YUV color 74.4150, 33.8124,

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

92.3570, 22.0090, -12.5911

Deuteranopia

90.8550, 26.6935, -21.7978

Tritanopia

73.1150, 18.6773, -64.1219

Trichromacy



Protanomaly

85.9740, 26.1418, -31.5492

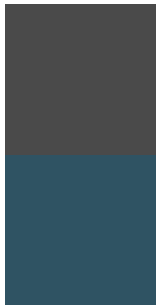
Deuteranomaly

84.7390, 29.2157, -37.4821

Tritanomaly

73.8960, 24.2083, -64.8068

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0600, 12.2954, -23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4150, 33.8124, -65.2620 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, 99, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 143)  
}
```

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, 99, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 143) }
```

Border

The CSS property to change the border of an element to YUV 74.4150, 33.8124, -65.2620 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, 99, 143) }
```

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

```
.border{ border-color:rgb(0, 99, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 143)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.4150, 33.8124, -65.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 143) }
```

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

```
.background{ background-color: rgb(0, 99,  
143) }
```

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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