

Converting Colors

YUV(74.5620, 27.8239,
-11.0169)

Have a look what the booklet for
YUV(74.5620, 27.8239, -11.0169)
contains.

YUV(74.5620, 27.8239, -11.0169)	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>	31

Color

**YUV(74.5620, 27.8239,
-11.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4683
RGB	62, 70, 131
RGB Percent	24%, 27%, 51%
CMY	0.7569, 0.7255, 0.4863
CMYK	0.53, 0.47, 0.00, 0.49
HSL	233°, 36%, 38%
HSV	233°, 53%, 51%
XYZ	8.2735, 7.0431, 22.3961
YIQ	74.5620, -24.3490, 17.2750

Conversions

Conversions Part 2

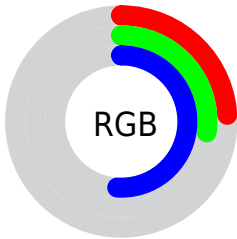
Format	Color
R_{YB}	62, 69, 131
Decimal	4081283
CIE _{Lab}	31.90, 15.11, -35.46
CIE _{LCh}	32, 38.548, 293.070
Yxy	7.0431, 0.2194, 0.1868
Android (android.graphics.Color)	4282271363 (0xFF3E4683)
YUV	74.5620, 27.8239, -11.0169
Hunter-Lab	26.5389, 9.2042, -31.4574

Details

The YUV color **74.5620, 27.8239, -11.0169** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **118.4380, -27.8239, 11.0169**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3280, 29.4183, -9.0577**, and **25.0830, 27.5671, -21.9978** is the 20% darker color. If you saturate the color by 10%, you get **63.6310, 33.2129, -12.8314**, and if you desaturate by 10%, it is **85.4930, 22.4350, -9.2024**.

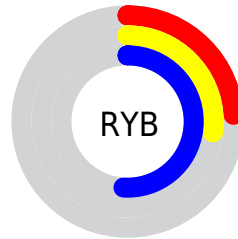
Distribution



Red (24%)

Green (27%)

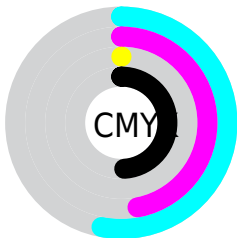
Blue (51%)



Red (24%)

Yellow (27%)

Blue (51%)

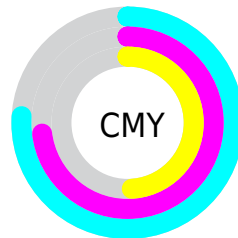


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5620, 27.8239, -11.0169 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 74.5620, 27.8239, -11.0169 by changing the saturation by 10% instead.

■ 74.5620, 27.8239,
-11.0169

■ 74.5620, 27.8239,
-11.0169

255.0000, 0.0000,
0.0000

■ 50.7250, 27.2506,
-13.7908

■ 124.3280, 29.4183,
-9.0577

■ 25.0830, 27.5671,
-21.9978

■ 150.8550, 30.1445,
-8.6428

■ 6.6120, 25.3343,
-5.7987

■ 177.7950, 31.1601,
-7.7132

■ 5.1640, 14.7091,
-4.5288

■ 203.6120, 25.3343,
-5.7987

■ 1.1400, 4.3680,
-0.9998

■ 228.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

254.1140, 0.4368,

-0.1000

■ 74.5620, 27.8239,
-11.0169

■ 74.5620, 27.8239,
-11.0169

■ 63.6310, 33.2129,
-12.8314

■ 85.4930, 22.4350,
-9.2024

■ 53.2870, 38.3125,
-15.1607

■ 95.8370, 17.3354,
-6.8730

■ 42.3560, 43.7015,
-16.9752

■ 106.7680, 11.9464,
-5.0585

■ 32.0120, 48.8011,
-19.3045

■ 117.1120, 6.8468,
-2.7292

■ 23.7390, 52.8797,
-20.8191

■ 128.3420, 1.3104,
-0.2999

■ 138.6860, -3.7892,
2.0294

■ 149.6170, -9.1782,
3.8439

■ 160.5480,
-14.5672, 5.6584

■ 170.8920,
-19.6668, 7.9877

Harmonies

Analogous

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



62.9370, 35.5271, -55.1957



74.5620, 27.8239, -11.0169



77.6220, 16.9484, 24.0105

Triad

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



74.5620, 27.8239, -11.0169



72.9930, -22.6745, 39.4711



59.8810, 3.5097, -52.5156

Complementary

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



74.5620, 27.8239, -11.0169



118.4380, -27.8239, 11.0169

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.



62.7730, -12.7061, -31.3729



74.5620, 27.8239, -11.0169



71.1790, -31.6402, 21.7680

Square

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



74.5620, 27.8239, -11.0169



72.7890, -9.7560, 49.2970



68.6600, -27.9334, -0.5788



63.4150, 17.0504, -55.6150

Rectangle

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



74.5620, 27.8239, -11.0169



75.5440, 8.6058, 39.8649



68.6600, -27.9334, -0.5788



58.0400, -1.0057, -50.9011

Sweetspot

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



74.5620, 27.8239, -11.0169



148.8390, 10.9254, -4.2438



109.4570, 6.6767, -41.6198



73.1120, 6.8468, -2.7292



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



74.5620, 27.8239, -11.0169



82.9430, 43.4121, -17.4900



77.6400, 26.3065, 9.0857



60.6840, 2.6208, -0.5999



23.6250, 52.4429, -20.7191



0.3420, 1.3104, -0.2999

Inverse Universe

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



83.5430, -6.6767, 41.6198



96.7740, -10.2416, 65.0962



115.3600, -26.3065, -9.0857



61.7940, -0.8844, 3.6887



40.5800, -12.6109, 78.4213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 74.5620, 27.8239, -11.0169 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 74.5620, 27.8239, -11.0169 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 74.5620, 27.8239, -11.0169

Background



This preview shows how black text looks on a background with the YUV color 74.5620, 27.8239, -11.0169.



This preview shows how white text looks on a background with the YUV color 74.5620, 27.8239,

-11.0169.

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

74.5620, 27.8239, -11.0169

Protanopia

71.8810, 30.6247, -22.6976

Deuteranopia

69.0000, 30.0730, -32.4490



Tritanopia

70.9310, 7.9220, -20.9875

Trichromacy



Original Color

74.5620, 27.8239, -11.0169

Protanomaly

72.9740, 29.5928, -18.3942

Deuteranomaly

71.1150, 29.0303, -24.6569

Tritanomaly

71.9020, 15.3313, -17.4541

Monochromacy



Original Color

74.5620, 27.8239, -11.0169

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6110, 10.0518, -4.0438

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5620, 27.8239, -11.0169 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(62, 70, 131)` looks like.

```
.text, #text, p{  
    color:rgb(62, 70, 131)  
}
```

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(62, 70, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 70, 131) }
```

Border

The CSS property to change the border of an element to YUV 74.5620, 27.8239, -11.0169 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(62, 70, 131) }
```


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

```
.border{ border-color:rgb(62, 70, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 70, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 70, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 70, 131);  
box-shadow:4px 4px 4px 4px rgb(62, 70,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 74.5620, 27.8239, -11.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 70, 131) }
```

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

```
.background{ background-color: rgb(62, 70,  
131) }
```

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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