

Converting Colors

YUV(74.0200, -34.0269, -6.1565)

Have a look what the booklet for
YUV(74.0200, -34.0269, -6.1565)
contains.

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Color

**YUV(74.0200, -34.0269,
-6.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	435B05
RGB	67, 91, 5
RGB Percent	26%, 36%, 2%
CMY	0.7373, 0.6431, 0.9804
CMYK	0.26, 0.00, 0.95, 0.64
HSL	77°, 90%, 19%
HSV	77°, 95%, 36%
XYZ	6.0832, 8.6864, 1.4996
YIQ	74.0200, 13.3020, -31.8340

Conversions

Conversions Part 2

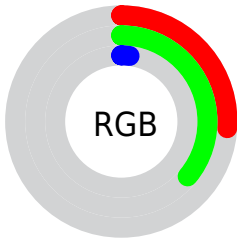
Format	Color
RYB	5, 91, 29
Decimal	4414213
CIELab	35.37, -21.43, 40.63
CIELCh	35, 45.941, 117.812
Yxy	8.6864, 0.3739, 0.5339
Android (android.graphics.Color)	4282604293 (0xFF435B05)
YUV	74.0200, -34.0269, -6.1565
Hunter-Lab	29.4727, -14.7346, 17.6142

Details

The YUV color **74.0200, -34.0269, -6.1565** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **21.9800, 34.0269, 6.1565**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6610, -32.8639, -5.8417**, and **31.7970, -15.6759, -12.1000** is the 20% darker color. If you saturate the color by 10%, you get **73.1510, -36.0634, -6.2714**, and if you desaturate by 10%, it is **75.9430, -30.5379, -5.2120**.

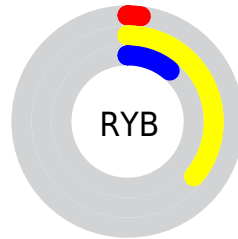
Distribution



Red (26%)

Green (36%)

Blue (2%)



Red (2%)

Yellow (36%)

Blue (11%)

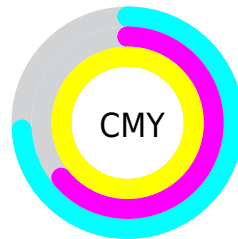


Cyan (26%)

Magenta (0%)

Yellow (95%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.0200, -34.0269, -6.1565 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 74.0200, -34.0269, -6.1565 by changing the saturation by 10% instead.

■ 74.0200, -34.0269,
-6.1565

■ 74.0200, -34.0269,
-6.1565

■ 253.9740, -3.9312,
0.8998

■ 52.1860, -25.7277,
-8.0561

■ 124.6610,
-32.8639, -5.8417

■ 31.7970, -15.6759,
-12.1000

■ 151.4330,
-33.7375, -5.6417

■ 15.8490, -7.8136,
-13.8996

■ 178.3190,
-34.1743, -5.5418


■ 0.0000, 0.0000,
0.0000


■ 206.0910,
-35.0479, -5.3418


■ 234.8630,
-35.9215, -5.1419


■ 247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 74.0200, -34.0269,
-6.1565


 74.0200, -34.0269,
-6.1565


 73.1510, -36.0634,
-6.2714

 75.9430, -30.5379,
-5.2120

 77.5670, -26.9015,
-4.8823

 79.4900, -23.4126,
-3.9377

 81.1140, -19.7762,
-3.6080

 83.1510, -15.8504,
-2.7634

■ 84.7750, -12.2141,
-2.4337

■ 86.6980, -8.7251,
-1.4891

■ 88.3220, -5.0887,
-1.1594

■ 90.2450, -1.5998,
-0.2149

Harmonies

Analogous

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



78.3440, -38.6236, 21.6233



74.0200, -34.0269, -6.1565



61.7270, -9.7254, -54.1346

Triad

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



74.0200, -34.0269, -6.1565



73.4690, 35.2648, -64.4323



79.9870, 3.4574, 57.8934

Complementary

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



74.0200, -34.0269, -6.1565



21.9800, 34.0269, 6.1565

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.



84.5570, 18.9524, 34.5915



74.0200, -34.0269, -6.1565



69.5540, 43.1109, -60.9989

Square

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



74.0200, -34.0269, -6.1565



72.0380, 22.1663, -63.1773



83.7350, 32.1756, -6.7836



78.8180, -13.7143, 58.9186

Rectangle

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



74.0200, -34.0269, -6.1565



65.6370, 0.1790, -57.5636



83.7350, 32.1756, -6.7836



81.7350, 9.0046, 51.9754

Sweetspot

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



74.0200, -34.0269, -6.1565



110.5470, -13.0877, -2.2337



44.2150, -19.3330, 41.0304



54.9260, -7.8515, -1.6891



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.0200, -34.0269, -6.1565



94.0940, -46.3883, -7.9754



61.4620, -27.8358, -31.9772



45.1310, -2.0366, -0.1149



88.1910, -43.4782, -8.0605



190.2480, -93.7923, -16.8805

Inverse Universe

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



21.9800, 34.0269, 6.1565



23.2050, 46.2409, 8.5902



34.5380, 27.8358, 31.9772



42.1680, 1.8892, 0.7297



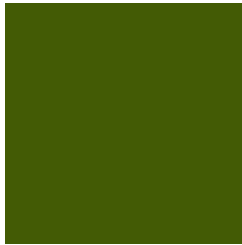
21.8090, 43.4782, 8.0605



46.7520, 93.7923, 16.8805

Previews

White Background



This preview shows how the YUV color 74.0200, -34.0269, -6.1565 looks on a white background.

Color Contrast Check

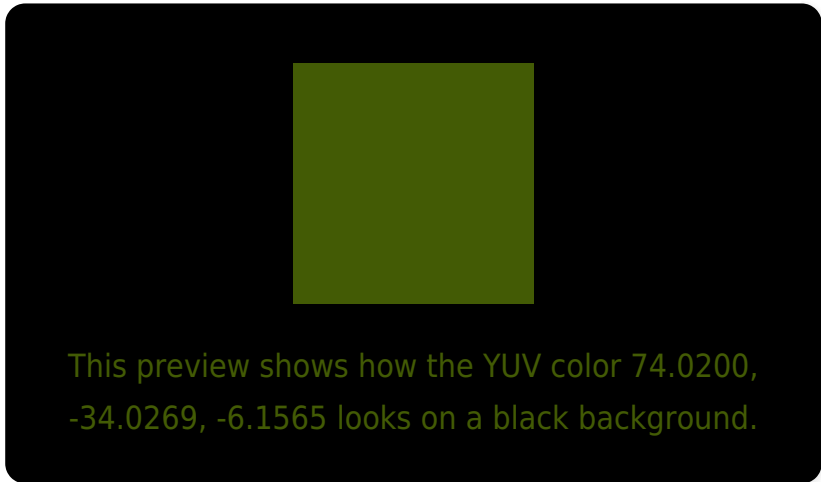
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

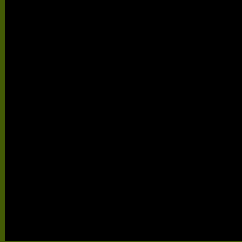
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0200, -34.0269, -6.1565

Background



This preview shows how black text looks on a background with the YUV color 74.0200, -34.0269, -6.1565.



This preview shows how white text looks on a background with the YUV color 74.0200, -34.0269, -6.1565.

-6.1565.

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

74.0200, -34.0269, -6.1565

Protanopia

76.8270, -37.8757, 15.0607

Deuteranopia

79.7060, -30.9141, 22.1828



Tritanopia

82.6940, 4.0949, -6.7476

Trichromacy



Original Color

74.0200, -34.0269, -6.1565

Protanomaly

75.8260, -36.3962, 7.1686

Deuteranomaly

77.4120, -31.7551, 11.9167

Tritanomaly

79.4370, -9.5824, -6.5222

Monochromacy



Original Color

74.0200, -34.0269, -6.1565

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7750, -12.2141, -2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0200, -34.0269, -6.1565 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(67, 91, 5)` looks like.

```
.text, #text, p{  
    color:rgb(67, 91, 5)  
}
```

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(67, 91, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 91, 5) }
```

Border

The CSS property to change the border of an element to YUV 74.0200, -34.0269, -6.1565 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(67, 91, 5) }
```


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

```
.border{ border-color:rgb(67, 91, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 91, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 91, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 91, 5); box-shadow:4px  
4px 4px 4px rgb(67, 91, 5) }
```

Background

The CSS property to change the background color of an element to YUV 74.0200, -34.0269, -6.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 91, 5) }
```

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

```
.background{ background-color: rgb(67, 91,  
5) }
```

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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