

Converting Colors

YUV(70.9420, -29.0584,
-13.1041)

Have a look what the booklet for
YUV(70.9420, -29.0584, -13.1041)
contains.

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Color

**YUV(70.9420, -29.0584,
-13.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	385A0C
RGB	56, 90, 12
RGB Percent	22%, 35%, 5%
CMY	0.7804, 0.6471, 0.9529
CMYK	0.38, 0.00, 0.87, 0.65
HSL	86°, 76%, 20%
HSV	86°, 87%, 35%
XYZ	5.3534, 8.1796, 1.6445
YIQ	70.9420, 4.7740, -31.4660

Conversions

Conversions Part 2

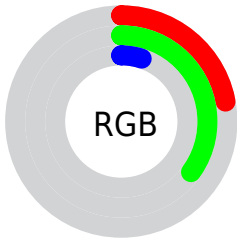
Format	Color
R_{YB}	12, 90, 46
Decimal	3693068
CIE _{Lab}	34.35, -25.38, 37.38
CIE _{LCh}	34, 45.184, 124.178
Yxy	8.1796, 0.3527, 0.5389
Android (android.graphics.Color)	4281883148 (0xFF385A0C)
YUV	70.9420, -29.0584, -13.1041
Hunter-Lab	28.6000, -16.6381, 16.6109

Details

The YUV color **70.9420, -29.0584, -13.1041** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31.0580, 29.0584, 13.1041**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2410, -29.2058, -12.4894**, and **27.0240, -13.3228, -20.1920** is the 20% darker color. If you saturate the color by 10%, you get **68.7200, -32.4000, -14.6634**, and if you desaturate by 10%, it is **73.1640, -25.7169, -11.5448**.

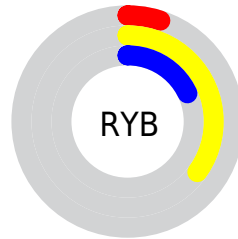
Distribution



Red (22%)

Green (35%)

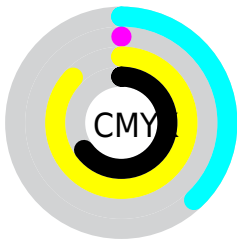
Blue (5%)



Red (5%)

Yellow (35%)

Blue (18%)

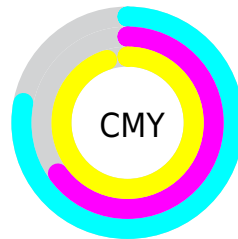


Cyan (38%)

Magenta (0%)

Yellow (87%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9420, -29.0584, -13.1041 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 70.9420, -29.0584, -13.1041 by changing the saturation by 10% instead.

70.9420, -29.0584,
-13.1041

70.9420, -29.0584,
-13.1041

254.4300, -2.1840,
0.4999

48.3100, -23.8168,
-14.3039

121.2410,
-29.2058, -12.4894

27.0240, -13.3228,
-20.1920

147.7140,
-29.9320, -12.9042

14.0880, -6.9454,
-12.3552

174.4860,
-30.8056, -12.7042

0.0000, 0.0000,
0.0000

201.9590,
-31.5318, -13.1190

230.7310,
-32.4054, -12.9191

244.6430,

-25.4600, -0.5639

251.1240,
-14.8511, 3.3993

70.9420, -29.0584,
-13.1041

70.9420, -29.0584,
-13.1041

68.7200, -32.4000,
-14.6634

73.1640, -25.7169,
-11.5448

68.0790, -33.5629,
-14.9783

75.3860, -22.3753,
-9.9855

77.6080, -19.0337,
-8.4262

79.8300, -15.6922,
-6.8669

82.0520, -12.3506,
-5.3076

■ 84.2740, -9.0091,
-3.7483

■ 86.1970, -5.5201,
-2.8038

■ 88.4190, -2.1786,
-1.2445

■ 90.6410, 1.1630,
0.3148

Harmonies

Analogous

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



75.3540, -37.1495, 15.4755



70.9420, -29.0584, -13.1041



61.2370, -6.5258, -53.7048

Triad

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



70.9420, -29.0584, -13.1041



71.1210, 36.4223, -62.3731



77.0750, -0.0370, 58.6932

Complementary

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



70.9420, -29.0584, -13.1041



31.0580, 29.0584, 13.1041

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.



81.6780, 15.4417, 40.6244



70.9420, -29.0584, -13.1041



66.7500, 42.5213, -58.5397

Square

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



70.9420, -29.0584, -13.1041



70.6190, 24.3448, -61.9329



82.5900, 28.7961, 3.8676



76.8840, -17.1978, 56.2297

Rectangle

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



70.9420, -29.0584, -13.1041



65.1470, 3.3785, -57.1339



82.5900, 28.7961, 3.8676



78.1330, 5.3574, 55.1344

Sweetspot

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



70.9420, -29.0584, -13.1041



109.6930, -11.1876, -4.9928



55.2800, -21.3370, 30.4494



54.4420, -7.1199, -3.0186



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.



70.9420, -29.0584, -13.1041



88.4130, -43.5876, -19.6562



59.2810, -23.3095, -37.0804



44.8320, -1.8892, -0.7297



83.1080, -40.9722, -18.5117



179.1850, -88.3382, -39.6272

Inverse Universe

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



31.0580, 29.0584, 13.1041



28.5870, 43.5876, 19.6562



42.7190, 23.3095, 37.0804



42.1680, 1.8892, 0.7297



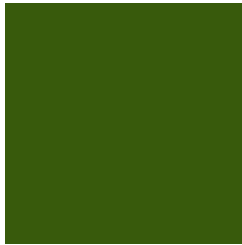
26.8920, 40.9722, 18.5117



57.8150, 88.3382, 39.6272

Previews

White Background



This preview shows how the YUV color 70.9420, -29.0584, -13.1041 looks on a white background.

Color Contrast Check

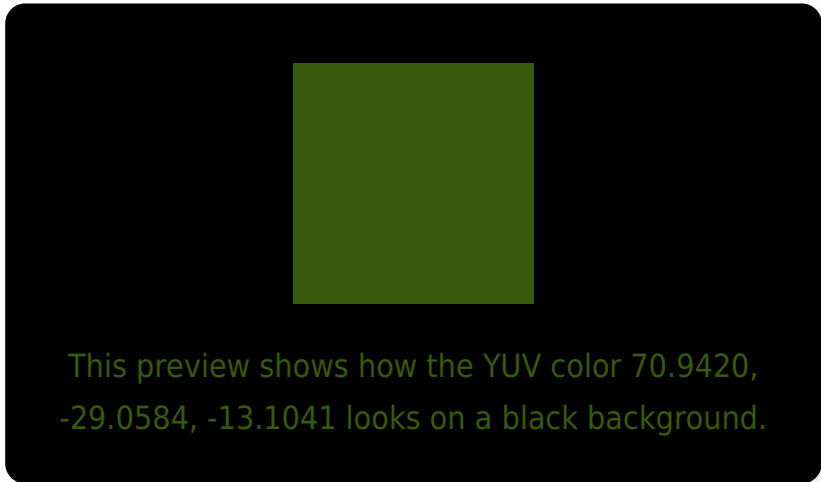
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.9420, -29.0584, -13.1041

Background



This preview shows how black text looks on a background with the YUV color 70.9420, -29.0584, -13.1041.



This preview shows how white text looks on a background with the YUV color 70.9420, -29.0584,

-13.1041.

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

70.9420, -29.0584, -13.1041

Protanopia

75.7820, -32.9235, 13.3462

Deuteranopia

77.7920, -27.9985, 20.3534



Tritanopia

79.3020, 5.2741, -11.6659

Trichromacy



Original Color

70.9420, -29.0584, -13.1041

Protanomaly

73.7700, -31.4386, 3.7097

Deuteranomaly

75.6010, -28.3973, 8.2429

Tritanomaly

76.0880, -6.9454, -12.3552

Monochromacy



Original Color

70.9420, -29.0584, -13.1041

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9420, -29.0584, -13.1041 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(56, 90, 12)` looks like.

```
.text, #text, p{  
    color:rgb(56, 90, 12)  
}
```

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(56, 90, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 90, 12) }
```

Border

The CSS property to change the border of an element to YUV 70.9420, -29.0584, -13.1041 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(56, 90, 12) }
```


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

```
.border{ border-color:rgb(56, 90, 12) }
```

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

Here you see how a box with a 4 pixel rgb(56, 90, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 90, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 90, 12);  
box-shadow:4px 4px 4px 4px rgb(56, 90, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9420, -29.0584, -13.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 90, 12) }
```

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

```
.background{ background-color: rgb(56, 90,  
12) }
```

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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