

Converting Colors

YUV(76.4330, -13.5245, -2.1337)

Have a look what the booklet for
YUV(76.4330, -13.5245, -2.1337)
contains.

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Color

**YUV(76.4330, -13.5245,
-2.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5331
RGB	74, 83, 49
RGB Percent	29%, 33%, 19%
CMY	0.7098, 0.6745, 0.8078
CMYK	0.11, 0.00, 0.41, 0.67
HSL	76°, 26%, 26%
HSV	76°, 41%, 33%
XYZ	6.4717, 7.8641, 4.0826
YIQ	76.4330, 5.5500, -12.4820

Conversions

Conversions Part 2

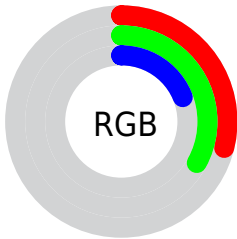
Format	Color
R_{YB}	49, 83, 58
Decimal	4870961
CIE Lab	33.70, -10.04, 18.75
CIE LCh	34, 21.268, 118.183
Yxy	7.8641, 0.3514, 0.4270
Android (android.graphics.Color)	4283061041 (0xFF4A5331)
YUV	76.4330, -13.5245, -2.1337
Hunter-Lab	28.0430, -7.8817, 10.9986

Details

The YUV color **76.4330, -13.5245, -2.1337** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.5670, 13.5245, 2.1337**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2050, -14.3981, -1.9338**, and **31.6180, -14.1087, -1.4190** is the 20% darker color. If you saturate the color by 10%, you get **74.9230, -16.7240, -2.5635**, and if you desaturate by 10%, it is **77.9430, -10.3249, -1.7040**.

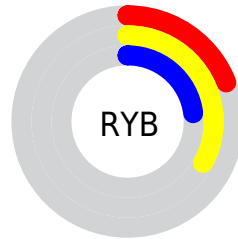
Distribution



Red (29%)

Green (33%)

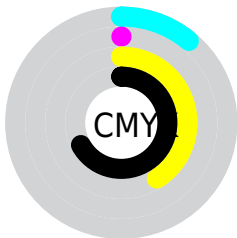
Blue (19%)



Red (19%)

Yellow (33%)

Blue (23%)

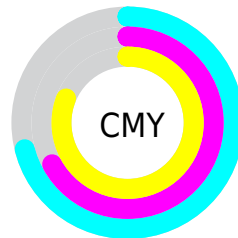


Cyan (11%)

Magenta (0%)

Yellow (41%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4330, -13.5245, -2.1337 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 76.4330, -13.5245, -2.1337 by changing the saturation by 10% instead.

■ 76.4330, -13.5245,
-2.1337

■ 76.4330, -13.5245,
-2.1337

■ 255.0000, 0.0000,
0.0000

■ 53.5470, -13.0877,
-2.2337

■ 125.2050,
-14.3981, -1.9338

■ 31.6180, -14.1087,
-1.4190

■ 151.6780,
-15.1243, -2.3486

■ 11.1530, -5.4984,
-9.7812

■ 177.8630,
-15.7085, -1.6339

■ 0.0000, 0.0000,
0.0000

■ 205.7490,
-16.1453, -1.5339

■ 234.3360,
-16.4346, -2.0487

■ 252.0360,

-11.3567, 2.5994

■ 76.4330, -13.5245,
-2.1337

■ 76.4330, -13.5245,
-2.1337

■ 74.9230, -16.7240,
-2.5635

■ 77.9430, -10.3249,
-1.7040

■ 73.2990, -20.3604,
-2.8932

■ 79.5670, -6.6885,
-1.3743

■ 71.4900, -23.4126,
-3.9377

■ 81.3760, -3.6364,
-0.3298

■ 69.9800, -26.6121,
-4.3675

■ 82.8860, -0.4368,
0.1000

■ 68.4700, -29.8117,
-4.7972

■ 84.3960, 2.7628,
0.5297

■ 66.9600, -33.0113,
-5.2269

■ 86.0200, 6.3991,
0.8595

■ 87.5300, 9.5987,
1.2892

■ 89.3390, 12.6509,
2.3337

■ 90.9630, 16.2872,
2.6634

Harmonies

Analogous

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



78.1250, -16.3306, 11.2914



76.4330, -13.5245, -2.1337



74.1690, -6.4923, -17.6882

Triad

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



76.4330, -13.5245, -2.1337



70.1550, 18.1646, -39.6009



80.8660, 0.0661, 25.5505

Complementary

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



76.4330, -13.5245, -2.1337



55.5670, 13.5245, 2.1337

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.



81.4610, 7.6607, 16.2587



76.4330, -13.5245, -2.1337



76.2760, 18.1049, -20.4131

Square

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



76.4330, -13.5245, -2.1337



66.0740, 14.2605, -47.4229



80.3710, 14.1141, -0.3254



80.1130, -7.9437, 27.9649

Rectangle

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



76.4330, -13.5245, -2.1337



71.8240, 0.0868, -27.9096



80.3710, 14.1141, -0.3254



81.5390, 2.6923, 23.2063

Sweetspot

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



76.4330, -13.5245, -2.1337



104.6210, -5.2362, -0.5446



63.8620, -7.3270, 16.7840



52.4900, -3.1996, -0.4297



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



76.4330, -13.5245, -2.1337



96.8860, -20.6498, -3.4080



71.3500, -11.0185, -12.5849



40.2450, -1.5998, -0.2149



84.6580, -41.7364, -6.7161



187.3130, -92.3453, -14.3065

Inverse Universe

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



55.5670, 13.5245, 2.1337



65.1140, 20.6498, 3.4080



60.3510, 11.1660, 11.9702



37.7550, 1.5998, 0.2149



20.3420, 41.7364, 6.7161



44.6870, 92.3453, 14.3065

Previews

White Background



This preview shows how the YUV color 76.4330, -13.5245, -2.1337 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 76.4330, -13.5245, -2.1337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

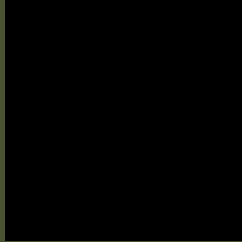
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4330, -13.5245, -2.1337

Background



This preview shows how black text looks on a background with the YUV color 76.4330, -13.5245, -2.1337.



This preview shows how white text looks on a background with the YUV color 76.4330, -13.5245, -2.1337.

-2.1337.

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

76.4330, -13.5245, -2.1337

Protanopia

77.8580, -14.7200, 8.0175

Deuteranopia

78.8310, -13.7207, 14.1802



Tritanopia

79.6840, 2.6208, -0.5999

Trichromacy



Original Color

76.4330, -13.5245, -2.1337

Protanomaly

76.9500, -14.2723, 4.4289

Deuteranomaly

78.0860, -13.8464, 7.8176

Tritanomaly

78.1910, -3.0522, -1.0445

Monochromacy



Original Color

76.4330, -13.5245, -2.1337

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4330, -13.5245, -2.1337 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(74, 83, 49)` looks like.

```
.text, #text, p{  
    color:rgb(74, 83, 49)  
}
```

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(74, 83, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 83, 49) }
```

Border

The CSS property to change the border of an element to YUV 76.4330, -13.5245, -2.1337 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(74, 83, 49) }
```


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

```
.border{ border-color:rgb(74, 83, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 83, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 83, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 83, 49);  
box-shadow:4px 4px 4px 4px rgb(74, 83, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4330, -13.5245, -2.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 83, 49) }
```

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

```
.background{ background-color: rgb(74, 83,  
49) }
```

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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