

Converting Colors

YUV(77.0200, -13.8139, -2.6485)

Have a look what the booklet for
YUV(77.0200, -13.8139, -2.6485)
contains.

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Color

**YUV(77.0200, -13.8139,
-2.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5431
RGB	74, 84, 49
RGB Percent	29%, 33%, 19%
CMY	0.7098, 0.6706, 0.8078
CMYK	0.12, 0.00, 0.42, 0.67
HSL	77°, 26%, 26%
HSV	77°, 42%, 33%
XYZ	6.5487, 8.0182, 4.1083
YIQ	77.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

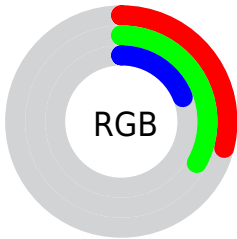
Format	Color
R_YB	49, 84, 59
Decimal	4871217
CIE Lab	34.02, -10.63, 19.16
CIE LCh	34, 21.912, 119.014
Yxy	8.0182, 0.3507, 0.4294
Android (android.graphics.Color)	4283061297 (0xFF4A5431)
YUV	77.0200, -13.8139, -2.6485
Hunter-Lab	28.3165, -8.2723, 11.2196

Details

The YUV color **77.0200, -13.8139, -2.6485** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.9800, 13.8139, 2.6485**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3790, -14.9768, -2.9634**, and **32.2050, -14.3981, -1.9338** is the 20% darker color. If you saturate the color by 10%, you get **75.5100, -17.0134, -3.0783**, and if you desaturate by 10%, it is **78.5300, -10.6143, -2.2188**.

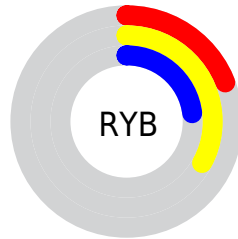
Distribution



 Red (29%)

 Green (33%)

 Blue (19%)




 Red (19%)

 Yellow (33%)

 Blue (23%)

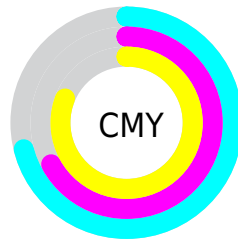



 Cyan (12%)


 Magenta (0%)

 Yellow (42%)

 Black (67%)



 Cyan (71%)

 Magenta (67%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0200, -13.8139, -2.6485 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 77.0200, -13.8139, -2.6485 by changing the saturation by 10% instead.

■ 77.0200, -13.8139,
-2.6485

■ 77.0200, -13.8139,
-2.6485

255.0000, 0.0000,
0.0000

■ 54.1340, -13.3771,
-2.7485

■ 126.3790,
-14.9768, -2.9634

■ 32.2050, -14.3981,
-1.9338

■ 152.2650,
-15.4136, -2.8634

■ 11.7400, -5.7878,
-10.2960

■ 179.1510,
-15.8504, -2.7634

■ 0.0000, 0.0000,
0.0000

■ 206.3360,
-16.4346, -2.0487

■ 234.9230,
-16.7240, -2.5635

■ 252.0360,

-11.3567, 2.5994

■ 77.0200, -13.8139,
-2.6485

■ 77.0200, -13.8139,
-2.6485

■ 75.5100, -17.0134,
-3.0783

■ 78.5300, -10.6143,
-2.2188

■ 73.5870, -20.5024,
-4.0228

■ 80.4530, -7.1253,
-1.2743

■ 72.0770, -23.7020,
-4.4525

■ 81.9630, -3.9258,
-0.8446

■ 70.1540, -27.1909,
-5.3971

■ 83.8860, -0.4368,
0.1000

■ 68.6440, -30.3905,
-5.8268

■ 85.3960, 2.7628,
0.5297

■ 67.2480, -33.1533,
-6.3565

■ 86.9060, 5.9623,
0.9594

■ 88.8290, 9.4513,
1.9040

■ 90.3390, 12.6509,
2.3337

■ 92.2620, 16.1398,
3.2782

Harmonies

Analogous

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



79.0110, -16.7674, 11.3914



77.0200, -13.8139, -2.6485



74.5710, -6.1975, -18.9178

Triad

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



77.0200, -13.8139, -2.6485



69.7850, 19.3330, -41.0304



82.0510, -0.5181, 26.2653

Complementary

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



77.0200, -13.8139, -2.6485



55.9800, 13.8139, 2.6485

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.



82.4610, 7.6607, 16.2587



77.0200, -13.8139, -2.6485



77.3900, 18.5417, -20.5130

Square

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



77.0200, -13.8139, -2.6485



64.9810, 15.2924, -51.7263



81.3710, 14.1141, -0.3254



80.9990, -8.3805, 28.0649

Rectangle

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



77.0200, -13.8139, -2.6485



71.9270, 0.5290, -29.7540



81.3710, 14.1141, -0.3254



82.1370, 2.3975, 24.4359

Sweetspot

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



77.0200, -13.8139, -2.6485



107.0940, -5.9623, -0.9594



65.3350, -8.0532, 16.3692



54.3760, -3.6364, -0.3298



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.0200, -13.8139, -2.6485



98.9460, -21.6654, -4.3376



71.9370, -11.3079, -13.0997



40.2450, -1.5998, -0.2149



84.0600, -41.4416, -7.9456



185.8180, -91.6083, -17.3804

Inverse Universe

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



55.9800, 13.8139, 2.6485



65.7550, 21.8128, 3.7229



61.0630, 11.3079, 13.0997



37.7550, 1.5998, 0.2149



20.9400, 41.4416, 7.9456



46.1820, 91.6083, 17.3804

Previews

White Background



This preview shows how the YUV color 77.0200, -13.8139, -2.6485 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 77.0200, -13.8139, -2.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

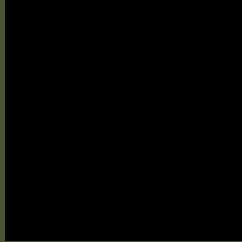
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0200, -13.8139, -2.6485

Background



This preview shows how black text looks on a background with the YUV color 77.0200, -13.8139, -2.6485.



This preview shows how white text looks on a background with the YUV color 77.0200, -13.8139,

-2.6485.

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

77.0200, -13.8139, -2.6485

Protanopia

78.3310, -15.4462, 7.6027

Deuteranopia

79.1300, -13.8681, 14.7950



Tritanopia

80.3850, 2.7682, -1.2146

Trichromacy



Original Color

77.0200, -13.8139, -2.6485

Protanomaly

77.5370, -14.5617, 3.9141

Deuteranomaly

78.3850, -13.9938, 8.4324

Tritanomaly

78.8920, -2.9048, -1.6593

Monochromacy



Original Color

77.0200, -13.8139, -2.6485

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0200, -13.8139, -2.6485 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, 84, 49)` looks like.

```
.text, #text, p{  
    color:rgb(74, 84, 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, 84, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 84, 49) }
```

Border

The CSS property to change the border of an element to YUV 77.0200, -13.8139, -2.6485 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, 84, 49) }
```


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

```
.border{ border-color:rgb(74, 84, 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, 84, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 84, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 84, 49);  
box-shadow:4px 4px 4px 4px rgb(74, 84, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0200, -13.8139, -2.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 84, 49) }
```

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

```
.background{ background-color: rgb(74, 84,  
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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