

Converting Colors

YUV(81.7320, -13.6719, -1.5190)

Have a look what the booklet for
YUV(81.7320, -13.6719, -1.5190)
contains.

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Color

**YUV(81.7320, -13.6719,
-1.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	505836
RGB	80, 88, 54
RGB Percent	31%, 35%, 21%
CMY	0.6863, 0.6549, 0.7882
CMYK	0.09, 0.00, 0.39, 0.65
HSL	74°, 24%, 28%
HSV	74°, 39%, 35%
XYZ	7.4638, 8.9513, 4.8244
YIQ	81.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

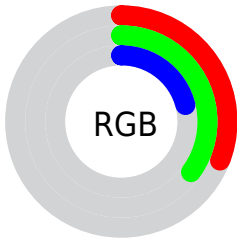
Format	Color
R_{YB}	54, 88, 62
Decimal	5265462
CIE _{Lab}	35.89, -9.55, 18.69
CIE _{LCh}	36, 20.993, 117.063
Yxy	8.9513, 0.3514, 0.4214
Android (android.graphics.Color)	4283455542 (0xFF505836)
YUV	81.7320, -13.6719, -1.5190
Hunter-Lab	29.9187, -7.8270, 11.3825

Details

The YUV color **81.7320, -13.6719, -1.5190** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.2680, 13.6719, 1.5190**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3900, -14.9823, -1.2190**, and **36.8460, -13.2351, -1.6189** is the 20% darker color. If you saturate the color by 10%, you get **80.1080, -17.3082, -1.8487**, and if you desaturate by 10%, it is **83.3560, -10.0355, -1.1892**.

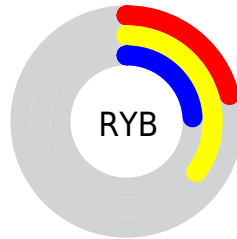
Distribution



 Red (31%)

 Green (35%)

 Blue (21%)



 Red (21%)

 Yellow (35%)

 Blue (24%)

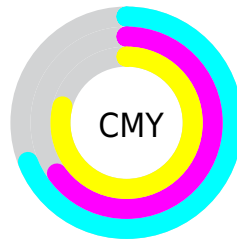


 Cyan (9%)

 Magenta (0%)

 Yellow (39%)

 Black (65%)



 Cyan (69%)

 Magenta (65%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7320, -13.6719, -1.5190 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 81.7320, -13.6719, -1.5190 by changing the saturation by 10% instead.

■ 81.7320, -13.6719,
-1.5190

■ 81.7320, -13.6719,
-1.5190

■ 255.0000, 0.0000,
0.0000

■ 58.8460, -13.2351,
-1.6189

■ 131.3900,
-14.9823, -1.2190

■ 36.8460, -13.2351,
-1.6189

■ 157.2760,
-15.4191, -1.1191

■ 15.8930, -7.8352,
-6.9222

■ 184.1620,
-15.8559, -1.0191

■ 0.0000, 0.0000,
0.0000

■ 212.0480,
-16.2927, -0.9191

■ 240.6350,
-16.5821, -1.4339

■ 252.7200, -8.7360,

1.9996

■ 81.7320, -13.6719,
-1.5190

■ 81.7320, -13.6719,
-1.5190

■ 80.1080, -17.3082,
-1.8487

■ 83.3560, -10.0355,
-1.1892

■ 78.4840, -20.9446,
-2.1785

■ 84.9800, -6.3991,
-0.8595

■ 76.9740, -24.1442,
-2.6082

■ 86.4900, -3.1996,
-0.4297

■ 75.3500, -27.7805,
-2.9379

■ 88.1140, 0.4368,
-0.1000

■ 73.7260, -31.4169,
-3.2677

■ 89.7380, 4.0732,
0.2298

■ 72.1020, -35.0533,
-3.5975

■ 91.3620, 7.7095,
0.5595

■ 71.6890, -35.3427,
-4.1123

■ 92.9860, 11.3459,
0.8893

■ 94.7950, 14.3981,
1.9338

■ 96.4190, 18.0344,
2.2635

Harmonies

Analogous

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



83.5380, -16.0412, 11.8062



81.7320, -13.6719, -1.5190



79.4680, -6.6397, -17.0734

Triad

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



81.7320, -13.6719, -1.5190



75.7530, 17.8698, -38.3714



86.5670, 0.2135, 24.9357

Complementary

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



81.7320, -13.6719, -1.5190



60.2680, 13.6719, 1.5190

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.



86.8630, 7.9555, 15.0291



81.7320, -13.6719, -1.5190



81.8630, 17.8155, -20.9279

Square

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



81.7320, -13.6719, -1.5190



72.7540, 12.9393, -43.6343



85.6590, 13.9721, -1.4549



85.8140, -7.7963, 27.3501

Rectangle

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



81.7320, -13.6719, -1.5190



77.0090, -0.4974, -27.1949



85.6590, 13.9721, -1.4549



86.5390, 2.6923, 23.2063

Sweetspot

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



81.7320, -13.6719, -1.5190



112.5070, -5.6730, -0.4446



68.8620, -7.3270, 16.7840



57.3760, -3.6364, -0.3298



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.



81.7320, -13.6719, -1.5190



105.0710, -21.2340, -2.6933



76.6490, -11.1660, -11.9702



42.2450, -1.5998, -0.2149



87.3270, -43.0522, -4.6718



191.4660, -94.3927, -10.9327

Inverse Universe

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



60.2680, 13.6719, 1.5190



71.6300, 21.3814, 2.0785



65.3510, 11.1660, 11.9702



39.7550, 1.5998, 0.2149



19.6730, 43.0522, 4.6718



43.2350, 94.5401, 10.3179

Previews

White Background



This preview shows how the YUV color 81.7320, -13.6719, -1.5190 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 81.7320, -13.6719, -1.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

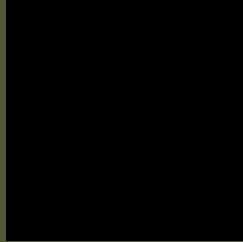
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7320, -13.6719, -1.5190

Background



This preview shows how black text looks on a background with the YUV color 81.7320, -13.6719, -1.5190.



This preview shows how white text looks on a background with the YUV color 81.7320, -13.6719,

-1.5190.

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

81.7320, -13.6719, -1.5190

Protanopia

82.8580, -14.7200, 8.0175

Deuteranopia

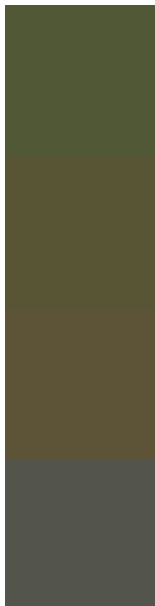
84.1300, -13.8681, 14.7950



Tritanopia

84.9830, 2.4734, 0.0149

Trichromacy



Original Color

81.7320, -13.6719, -1.5190

Protanomaly

82.2490, -14.4198, 5.0436

Deuteranomaly

83.3850, -13.9938, 8.4324

Tritanomaly

83.4900, -3.1996, -0.4297

Monochromacy



Original Color

81.7320, -13.6719, -1.5190

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7350, -4.7994, -0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7320, -13.6719, -1.5190 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(80, 88, 54)` looks like.

```
.text, #text, p{  
    color:rgb(80, 88, 54)  
}
```

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(80, 88, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 88, 54) }
```

Border

The CSS property to change the border of an element to YUV 81.7320, -13.6719, -1.5190 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(80, 88, 54) }
```


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

```
.border{ border-color:rgb(80, 88, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 88, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 88, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 88, 54);  
box-shadow:4px 4px 4px 4px rgb(80, 88, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.7320, -13.6719, -1.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 88, 54) }
```

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

```
.background{ background-color: rgb(80, 88,  
54) }
```

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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