

Converting Colors

YUV(83.7320, -13.6719, -1.5190)

Have a look what the booklet for
YUV(83.7320, -13.6719, -1.5190)
contains.

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Color

**YUV(83.7320, -13.6719,
-1.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	525A38
RGB	82, 90, 56
RGB Percent	32%, 35%, 22%
CMY	0.6784, 0.6471, 0.7804
CMYK	0.09, 0.00, 0.38, 0.65
HSL	74°, 23%, 29%
HSV	74°, 38%, 35%
XYZ	7.8496, 9.3917, 5.1404
YIQ	83.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

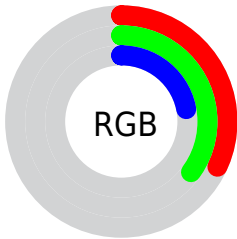
Format	Color
R _{YB}	56, 90, 64
Decimal	5397048
CIE Lab	36.73, -9.53, 18.63
CIE LCh	37, 20.924, 117.106
Yxy	9.3917, 0.3507, 0.4196
Android (android.graphics.Color)	4283587128 (0xFF525A38)
YUV	83.7320, -13.6719, -1.5190
Hunter-Lab	30.6459, -7.9092, 11.5070

Details

The YUV color **83.7320, -13.6719, -1.5190** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.2680, 13.6719, 1.5190**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3900, -14.9823, -1.2190**, and **38.0740, -12.3615, -1.8189** is the 20% darker color. If you saturate the color by 10%, you get **82.1080, -17.3082, -1.8487**, and if you desaturate by 10%, it is **85.3560, -10.0355, -1.1892**.

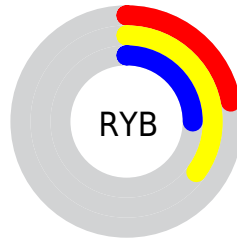
Distribution



 Red (32%)

 Green (35%)

 Blue (22%)



 Red (22%)

 Yellow (35%)

 Blue (25%)

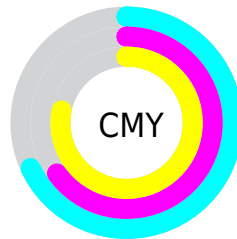


 Cyan (9%)

 Magenta (0%)

 Yellow (38%)

 Black (65%)



 Cyan (68%)

 Magenta (65%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7320, -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 83.7320, -13.6719, -1.5190 by changing the saturation by 10% instead.

■ 83.7320, -13.6719,
-1.5190

■ 83.7320, -13.6719,
-1.5190

■ 255.0000, 0.0000,
0.0000

■ 60.8460, -13.2351,
-1.6189

■ 133.3900,
-14.9823, -1.2190

■ 38.0740, -12.3615,
-1.8189

■ 159.3900,
-14.9823, -1.2190

■ 17.9750, -8.8617,
-4.3631

■ 186.8630,
-15.7085, -1.6339

■ 0.0000, 0.0000,
0.0000

■ 214.1620,
-15.8559, -1.0191

■ 242.9340,
-16.7295, -0.8191

■ 253.0620, -7.4256,

1.6996

■ 83.7320, -13.6719,
-1.5190

■ 83.7320, -13.6719,
-1.5190

■ 82.1080, -17.3082,
-1.8487

■ 85.3560, -10.0355,
-1.1892

■ 80.4840, -20.9446,
-2.1785

■ 86.9800, -6.3991,
-0.8595

■ 78.8600, -24.5810,
-2.5082

■ 88.6040, -2.7628,
-0.5297

■ 77.2360, -28.2173,
-2.8380

■ 90.2280, 0.8736,
-0.2000

■ 75.3130, -31.7063,
-3.7825

■ 92.1510, 4.3626,
0.7446

■ 73.6890, -35.3427,
-4.1123

■ 93.7750, 7.9989,
1.0743

■ 73.4610, -36.2163,
-3.9123

■ 95.3990, 11.6353,
1.4041

■ 97.0230, 15.2717,
1.7338

■ 98.6470, 18.9080,
2.0636

Harmonies

Analogous

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



85.5380, -16.0412, 11.8062



83.7320, -13.6719, -1.5190



81.4680, -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.



83.7320, -13.6719, -1.5190



78.0520, 17.7224, -37.7566



88.5670, 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.



83.7320, -13.6719, -1.5190



62.2680, 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.



88.8630, 7.9555, 15.0291



83.7320, -13.6719, -1.5190



84.1620, 17.6681, -20.3131

Square

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



83.7320, -13.6719, -1.5190



75.3520, 12.6445, -42.4047



87.6590, 13.9721, -1.4549



87.8140, -7.7963, 27.3501

Rectangle

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



83.7320, -13.6719, -1.5190



79.3080, -0.6448, -26.5801



87.6590, 13.9721, -1.4549



88.5390, 2.6923, 23.2063

Sweetspot

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



83.7320, -13.6719, -1.5190



114.6210, -5.2362, -0.5446



70.8620, -7.3270, 16.7840



57.4900, -3.1996, -0.4297



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.



83.7320, -13.6719, -1.5190



107.4840, -20.9446, -2.1785



78.6490, -11.1660, -11.9702



45.1310, -2.0366, -0.1149



89.6860, -44.2152, -4.9866



193.2380, -95.2663, -10.7327

Inverse Universe

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



62.2680, 13.6719, 1.5190



74.5160, 20.9446, 2.1785



67.3510, 11.1660, 11.9702



41.8690, 2.0366, 0.1149



20.3140, 44.2152, 4.9866



43.7620, 95.2663, 10.7327

Previews

White Background



This preview shows how the YUV color 83.7320, -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 83.7320, -13.6719, -1.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

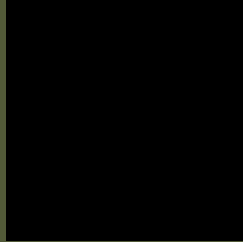
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7320, -13.6719, -1.5190

Background



This preview shows how black text looks on a background with the YUV color 83.7320, -13.6719, -1.5190.



This preview shows how white text looks on a background with the YUV color 83.7320, -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

83.7320, -13.6719, -1.5190

Protanopia

84.8580, -14.7200, 8.0175

Deuteranopia

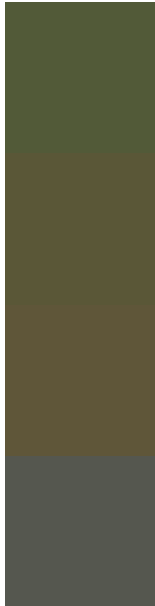
86.1300, -13.8681, 14.7950



Tritanopia

86.9830, 2.4734, 0.0149

Trichromacy



Original Color

83.7320, -13.6719, -1.5190

Protanomaly

84.2490, -14.4198, 5.0436

Deuteranomaly

85.3850, -13.9938, 8.4324

Tritanomaly

85.4900, -3.1996, -0.4297

Monochromacy



Original Color

83.7320, -13.6719, -1.5190

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7350, -4.7994, -0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7320, -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(82, 90, 56)` looks like.

```
.text, #text, p{  
    color:rgb(82, 90, 56)  
}
```

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(82, 90, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 90, 56) }
```

Border

The CSS property to change the border of an element to YUV 83.7320, -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(82, 90, 56) }
```


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

```
.border{ border-color:rgb(82, 90, 56) }
```

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

Here you see how a box with a 4 pixel rgb(82, 90, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 90, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 90, 56);  
box-shadow:4px 4px 4px 4px rgb(82, 90, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.7320, -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(82, 90, 56) }
```

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

```
.background{ background-color: rgb(82, 90,  
56) }
```

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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