

Converting Colors

YUV(82.5270, 0.7262, 0.4148)

Have a look what the booklet for
YUV(82.5270, 0.7262, 0.4148)
contains.

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Color

**YUV(82.5270, 0.7262,
0.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	535254
RGB	83, 82, 84
RGB Percent	33%, 32%, 33%
CMY	0.6745, 0.6784, 0.6706
CMYK	0.01, 0.02, 0.00, 0.67
HSL	270°, 1%, 33%
HSV	270°, 2%, 33%
XYZ	8.1848, 8.5137, 9.5994
YIQ	82.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
R_YB	83, 82, 84
Decimal	5460564
CIE Lab	35.03, 0.84, -1.03
CIE LCh	35, 1.328, 309.115
Yxy	8.5137, 0.3112, 0.3237
Android (android.graphics.Color)	4283650644 (0xFF535254)
YUV	82.5270, 0.7262, 0.4148
Hunter-Lab	29.1782, -0.9907, 0.9188

Details

The YUV color **82.5270, 0.7262, 0.4148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.4730, -0.7262, -0.4148**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5270, 0.7262, 0.4148**, and **37.5270, 0.7262, 0.4148** is the 20% darker color. If you saturate the color by 10%, you get **76.6350, 3.6309, 2.0741**, and if you desaturate by 10%, it is **88.4190, -2.1786, -1.2445**.

Distribution



Red (33%)

Green (32%)

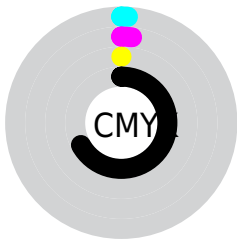
Blue (33%)



Red (33%)

Yellow (32%)

Blue (33%)



Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (67%)



Cyan (67%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5270, 0.7262, 0.4148 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 82.5270, 0.7262, 0.4148 by changing the saturation by 10% instead.

■ 82.5270, 0.7262,
0.4148

■ 82.5270, 0.7262,
0.4148

■ 255.0000, 0.0000,
0.0000

■ 59.5270, 0.7262,
0.4148

■ 131.5270, 0.7262,
0.4148

■ 37.5270, 0.7262,
0.4148

■ 157.9400, 1.0156,
0.9296

■ 17.5270, 0.7262,
0.4148

■ 184.6410, 1.1630,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 212.5270, 0.7262,
0.4148

■ 240.6410, 1.1630,
0.3148

82.5270, 0.7262,
0.4148

82.5270, 0.7262,
0.4148

76.6350, 3.6309,
2.0741

88.4190, -2.1786,
-1.2445

70.1560, 6.8251,
4.2482

94.8980, -5.3727,
-3.4185

63.9650, 9.8773,
5.2927

101.0890, -8.4249,
-4.4631

57.4860, 13.0714,
7.4668

107.5680,
-11.6190, -6.6371

51.5940, 15.9762,
9.1261

113.4600,
-14.5238, -8.2964

45.7020, 18.8809,
10.7853

119.3520,
-17.4285, -9.9557

39.2230, 22.0751,
12.9594

125.8310,
-20.6227, -12.1298

33.0320, 25.1272,

132.0220,

14.0039

-23.6748, -13.1743

■ 26.5530, 28.3214,
16.1780

■ 138.5010,
-26.8690, -15.3484

Harmonies

Analogous

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



82.2280, 0.8736, -0.2000



82.5270, 0.7262, 0.4148



82.7120, 0.1420, 1.1296

Triad

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



82.5270, 0.7262, 0.4148



82.3700, -1.1684, 1.4295



82.1030, 0.4422, -1.8443

Complementary

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



82.5270, 0.7262, 0.4148



83.4730, -0.7262, -0.4148

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.



82.2880, -0.1420, -1.1296



82.5270, 0.7262, 0.4148



82.0710, -1.0210, 0.8147

Square

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



82.5270, 0.7262, 0.4148



82.7830, -0.8790, 1.9443



82.4730, -0.7262, -0.4148



82.2170, 0.8790, -1.9443

Rectangle

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



82.5270, 0.7262, 0.4148



82.8970, -0.4422, 1.8443



82.4730, -0.7262, -0.4148



81.9890, 0.0054, -1.7444

Sweetspot

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



82.5270, 0.7262, 0.4148



109.1140, 0.4368, -0.1000



82.8150, 0.5842, -0.7148



56.0000, 0.0000, 0.0000



184.0000, 0.0000, 0.0000

Same Dimension

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



82.5270, 0.7262, 0.4148



107.0540, 1.4524, 0.8296



82.8260, 0.5788, 1.0296



39.5270, 0.7262, 0.4148



27.5180, 38.1986, 21.4707



61.1320, 84.2379, 48.1192

Inverse Universe

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



82.7120, 0.1420, 1.1296



107.4240, 0.2840, 2.2592



83.1740, -0.5788, -1.0296



39.7120, 0.1420, 1.1296



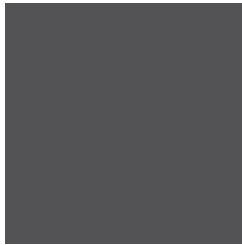
37.3230, 7.2358, 59.3527



82.5920, 16.4701, 131.0308

Previews

White Background



This preview shows how the YUV color 82.5270, 0.7262, 0.4148 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 82.5270, 0.7262, 0.4148 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 82.5270, 0.7262, 0.4148

Background



This preview shows how black text looks on a background with the YUV color 82.5270, 0.7262, 0.4148.



This preview shows how white text looks on a background with the YUV color 82.5270, 0.7262,

0.4148.

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

82.5270, 0.7262, 0.4148

Protanopia

82.5270, 0.7262, 0.4148

Deuteranopia

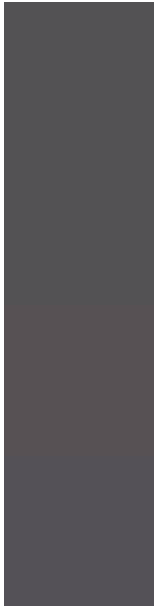
83.1470, 0.4205, 5.1331



Tritanopia

82.6950, 2.6154, 1.1445

Trichromacy



Original Color

82.5270, 0.7262, 0.4148

Protanomaly

82.5270, 0.7262, 0.4148

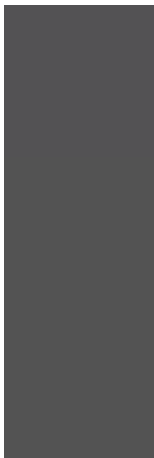
Deuteranomaly

83.1360, 0.4260, 3.3887

Tritanomaly

82.5810, 2.1786, 1.2445

Monochromacy



Original Color

82.5270, 0.7262, 0.4148

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5270, 0.7262, 0.4148 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(83, 82, 84)` looks like.

```
.text, #text, p{  
    color:rgb(83, 82, 84)  
}
```

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(83, 82, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 82, 84) }
```

Border

The CSS property to change the border of an element to YUV 82.5270, 0.7262, 0.4148 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(83, 82, 84) }
```

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

```
.border{ border-color:rgb(83, 82, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 82, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 82, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 82, 84);  
box-shadow:4px 4px 4px 4px rgb(83, 82, 84)  
}
```


Background

The CSS property to change the background color of an element to YUV 82.5270, 0.7262, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 82, 84) }
```

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

```
.background{ background-color: rgb(83, 82,  
84) }
```

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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