

Converting Colors

YUV(82.1400, -15.8450, -4.5078)

Have a look what the booklet for
YUV(82.1400, -15.8450, -4.5078)
contains.

YUV(82.1400, -15.8450, -4.5078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.1400, -15.8450,
-4.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5B32
RGB	77, 91, 50
RGB Percent	30%, 36%, 20%
CMY	0.6980, 0.6431, 0.8039
CMYK	0.15, 0.00, 0.45, 0.64
HSL	80°, 29%, 28%
HSV	80°, 45%, 36%
XYZ	7.3774, 9.2902, 4.4220
YIQ	82.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

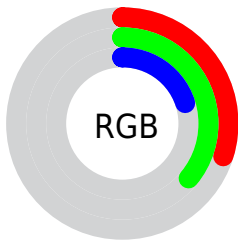
Format	Color
RYB	50, 91, 64
Decimal	5069618
CIELab	36.54, -13.17, 21.84
CIELCh	37, 25.499, 121.096
Yxy	9.2902, 0.3498, 0.4405
Android (android.graphics.Color)	4283259698 (0xFF4D5B32)
YUV	82.1400, -15.8450, -4.5078
Hunter-Lab	30.4799, -10.1355, 12.7342

Details

The YUV color **82.1400, -15.8450, -4.5078** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.8600, 15.8450, 4.5078**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7980, -17.1554, -4.2078**, and **36.4390, -15.9924, -3.8930** is the 20% darker color. If you saturate the color by 10%, you get **80.2170, -19.3340, -5.4523**, and if you desaturate by 10%, it is **84.0630, -12.3561, -3.5633**.

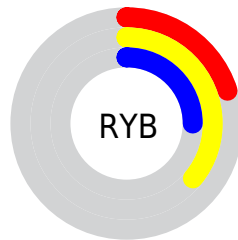
Distribution



Red (30%)

Green (36%)

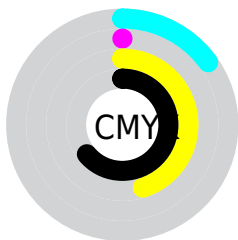
Blue (20%)



Red (20%)

Yellow (36%)

Blue (25%)

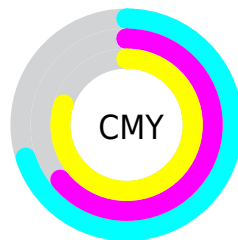


Cyan (15%)

Magenta (0%)

Yellow (45%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1400, -15.8450, -4.5078 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 82.1400, -15.8450, -4.5078 by changing the saturation by 10% instead.

82.1400, -15.8450,
-4.5078

82.1400, -15.8450,
-4.5078

255.0000, 0.0000,
0.0000

58.6670, -15.1188,
-4.0930

131.7980,
-17.1554, -4.2078

36.4390, -15.9924,
-3.8930

158.2710,
-17.8816, -4.6227

15.8600, -7.8190,
-12.1552

185.1570,
-18.3184, -4.5227

0.0000, 0.0000,
0.0000

213.0430,
-18.7552, -4.4227

240.9290,
-19.1920, -4.3227

252.2640,

-10.4832, 2.3995

■ 82.1400, -15.8450,
-4.5078

■ 82.1400, -15.8450,
-4.5078

■ 80.2170, -19.3340,
-5.4523

■ 84.0630, -12.3561,
-3.5633

■ 78.2940, -22.8229,
-6.3968

■ 85.9860, -8.8671,
-2.6187

■ 76.3710, -26.3119,
-7.3414

■ 87.9090, -5.3781,
-1.6742

■ 74.4480, -29.8009,
-8.2859

■ 89.8320, -1.8892,
-0.7297

■ 72.2260, -33.1424,
-9.8452

■ 92.1680, 1.8892,
0.7297

■ 71.3570, -35.1790,
-9.9601

■ 94.0910, 5.3781,
1.6742

■ 96.0140, 8.8671,
2.6187

■ 97.9370, 12.3561,
3.5633

■ 99.8600, 15.8450,
4.5078

Harmonies

Analogous

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



84.2130, -19.8250, 12.0912



82.1400, -15.8450, -4.5078



78.7230, -6.7654, -23.4361

Triad

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



82.1400, -15.8450, -4.5078



69.8800, 25.2022, -56.8998



87.9700, -0.9712, 31.5983

Complementary

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



82.1400, -15.8450, -4.5078



58.8600, 15.8450, 4.5078

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.



88.4230, 8.6655, 20.6770



82.1400, -15.8450, -4.5078



82.8780, 21.7521, -23.5720

Square

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



82.1400, -15.8450, -4.5078



68.4360, 18.5191, -60.0184



87.3650, 16.5821, 1.4339



86.8640, -10.2860, 32.5683

Rectangle

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



82.1400, -15.8450, -4.5078



74.6270, 2.1559, -38.2609



87.3650, 16.5821, 1.4339



87.8710, 2.5286, 29.0541

Sweetspot

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



82.1400, -15.8450, -4.5078



113.6810, -6.2517, -1.4742



70.4770, -10.0952, 17.9987



56.6640, -3.7784, -1.4593



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.



82.1400, -15.8450, -4.5078



103.5390, -24.4227, -6.6117



76.1600, -12.8969, -16.8033



44.8320, -1.8892, -0.7297



86.0980, -42.4463, -12.3639



185.7630, -91.5812, -26.1022

Inverse Universe

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



58.8600, 15.8450, 4.5078



67.7600, 24.2753, 7.2265



64.8400, 12.8969, 16.8033



42.1680, 1.8892, 0.7297



23.6030, 42.5937, 11.7492



51.2370, 91.5812, 26.1022

Previews

White Background



This preview shows how the YUV color 82.1400, -15.8450, -4.5078 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 82.1400, -15.8450, -4.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

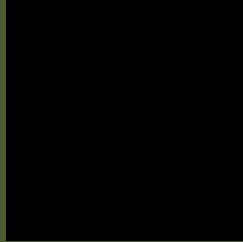
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1400, -15.8450, -4.5078

Background



This preview shows how black text looks on a background with the YUV color 82.1400, -15.8450, -4.5078.



This preview shows how white text looks on a background with the YUV color 82.1400, -15.8450,

-4.5078.

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

82.1400, -15.8450, -4.5078

Protanopia

84.0600, -17.7776, 8.7174

Deuteranopia

85.1580, -16.3469, 16.5244



Tritanopia

85.9010, 3.4998, -2.5442

Trichromacy



Original Color

82.1400, -15.8450, -4.5078

Protanomaly

83.5540, -17.0351, 3.8991

Deuteranomaly

83.8150, -16.1778, 8.9322

Tritanomaly

84.6530, -3.7729, -3.2037

Monochromacy



Original Color

82.1400, -15.8450, -4.5078

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7950, -5.8149, -1.5742

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1400, -15.8450, -4.5078 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(77, 91, 50)` looks like.

```
.text, #text, p{  
    color:rgb(77, 91, 50)  
}
```

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(77, 91, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 91, 50) }
```

Border

The CSS property to change the border of an element to YUV 82.1400, -15.8450, -4.5078 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(77, 91, 50) }
```


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

```
.border{ border-color:rgb(77, 91, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 91, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 91, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 91, 50);  
box-shadow:4px 4px 4px 4px rgb(77, 91, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.1400, -15.8450, -4.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 91, 50) }
```

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

```
.background{ background-color: rgb(77, 91,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor