

Converting Colors

YUV(84.1810, -7.9772, -8.0517)

Have a look what the booklet for
YUV(84.1810, -7.9772, -8.0517)
contains.

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Color

**YUV(84.1810, -7.9772,
-8.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5C44
RGB	75, 92, 68
RGB Percent	29%, 36%, 27%
CMY	0.7059, 0.6392, 0.7333
CMYK	0.18, 0.00, 0.26, 0.64
HSL	102°, 15%, 31%
HSV	102°, 26%, 36%
XYZ	7.7722, 9.5675, 6.9059
YIQ	84.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

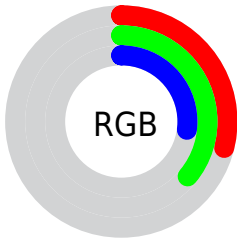
Format	Color
RYB	68, 92, 85
Decimal	4938820
CIELab	37.05, -11.66, 11.71
CIELCh	37, 16.529, 134.872
Yxy	9.5675, 0.3206, 0.3946
Android (android.graphics.Color)	4283128900 (0xFF4B5C44)
YUV	84.1810, -7.9772, -8.0517
Hunter-Lab	30.9314, -9.2779, 8.4145

Details

The YUV color **84.1810, -7.9772, -8.0517** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.8190, 7.9772, 8.0517**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6540, -8.7034, -8.4666**, and **38.8220, -6.8142, -7.7369** is the 20% darker color. If you saturate the color by 10%, you get **81.0620, -10.8766, -11.4554**, and if you desaturate by 10%, it is **87.3000, -5.0779, -4.6481**.

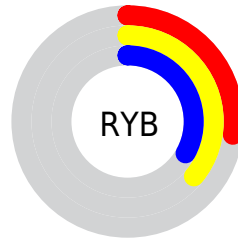
Distribution



Red (29%)

Green (36%)

Blue (27%)



Red (27%)

Yellow (36%)

Blue (33%)

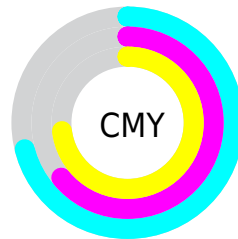


Cyan (18%)

Magenta (0%)

Yellow (26%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1810, -7.9772, -8.0517 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 84.1810, -7.9772, -8.0517 by changing the saturation by 10% instead.

■ 84.1810, -7.9772,
-8.0517

■ 84.1810, -7.9772,
-8.0517

255.0000, 0.0000,
0.0000

■ 60.7080, -7.2510,
-7.6369

■ 133.6540, -8.7034,
-8.4666

■ 38.8220, -6.8142,
-7.7369

■ 160.2410, -8.9928,
-8.9814

■ 17.9530, -8.8508,
-7.8518

■ 187.1270, -9.4296,
-8.8814

■ 0.0000, 0.0000,
0.0000

■ 214.8280, -9.2822,
-9.4962

■ 243.6000,
-10.1558, -9.2962

254.6580, -1.3104,

0.2999

■ 84.1810, -7.9772,
-8.0517

■ 84.1810, -7.9772,
-8.0517

■ 81.0620, -10.8766,
-11.4554

■ 87.3000, -5.0779,
-4.6481

■ 78.2420, -13.9233,
-14.2442

■ 90.1200, -2.0312,
-1.8592

■ 75.0090, -17.2594,
-17.5479

■ 93.3530, 1.3050,
1.4444

■ 72.1890, -20.3062,
-20.3368

■ 96.1730, 4.3517,
4.2333

■ 69.0700, -23.2055,
-23.7404

■ 99.2920, 7.2510,
7.6369

■ 66.2500, -26.2523,
-26.5293

■ 102.1120, 10.2978,
10.4258

■ 63.1310, -29.1516,
-29.9329

■ 105.2310, 13.1971,
13.8294

■ 62.0770, -30.6040,
-30.7625

■ 108.1650, 16.6807,
16.5183

■ 111.2840, 19.5800,
19.9219

Harmonies

Analogous

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



85.5200, -12.0884, 3.9290



84.1810, -7.9772, -8.0517



82.2380, -1.1033, -19.5027

Triad

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



84.1810, -7.9772, -8.0517



83.9510, 14.3212, -20.1280



89.1060, -3.9963, 21.8320

Complementary

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



84.1810, -7.9772, -8.0517



75.8190, 7.9772, 8.0517

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.



89.0930, 2.4192, 17.4584



84.1810, -7.9772, -8.0517



87.2840, 12.6780, -6.3881

Square

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



84.1810, -7.9772, -8.0517



81.2120, 11.7275, -28.2499



89.2210, 8.2720, 6.8222



88.3140, -9.5218, 20.7726

Rectangle

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



84.1810, -7.9772, -8.0517



81.4590, 3.7177, -25.8355



89.2210, 8.2720, 6.8222



88.6760, -1.8123, 21.3321

Sweetspot

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



84.1810, -7.9772, -8.0517



116.7670, -3.3361, -3.3037



85.1550, -8.4574, 6.0031



59.1200, -2.0312, -1.8592



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



84.1810, -7.9772, -8.0517



108.0080, -12.3289, -12.2850



82.6580, -4.7614, -12.8551



44.5330, -1.7418, -1.3444



74.1380, -36.5500, -36.9550



159.7500, -78.7567, -79.5877

Inverse Universe

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



75.8190, 7.9772, 8.0517



94.9920, 12.3289, 12.2850



77.3420, 4.7614, 12.8551



42.7660, 1.5944, 1.9592



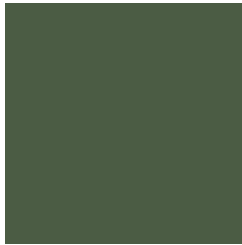
35.8620, 36.5500, 36.9550



77.2500, 78.7567, 79.5877

Previews

White Background



This preview shows how the YUV color 84.1810, -7.9772, -8.0517 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 84.1810, -7.9772, -8.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

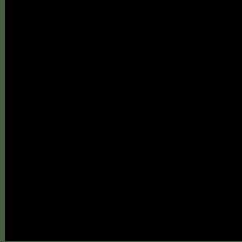
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1810, -7.9772, -8.0517

Background



This preview shows how black text looks on a background with the YUV color 84.1810, -7.9772, -8.0517.



This preview shows how white text looks on a background with the YUV color 84.1810, -7.9772, -8.0517.

-8.0517.

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

84.1810, -7.9772, -8.0517

Protanopia

86.4000, -10.0572, 5.7882

Deuteranopia

87.4870, -8.6211, 11.8509



Tritanopia

86.1070, 4.3842, -6.2328

Trichromacy



Original Color

84.1810, -7.9772, -8.0517

Protanomaly

85.5950, -9.1673, 0.3552

Deuteranomaly

86.4430, -8.5994, 4.8735

Tritanomaly

85.2550, -0.1257, -6.3626

Monochromacy



Original Color

84.1810, -7.9772, -8.0517

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1800, -3.0467, -2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1810, -7.9772, -8.0517 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(75, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(75, 92, 68)  
}
```

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(75, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 92, 68) }
```

Border

The CSS property to change the border of an element to YUV 84.1810, -7.9772, -8.0517 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(75, 92, 68) }
```


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

```
.border{ border-color:rgb(75, 92, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 92, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(75, 92, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1810, -7.9772, -8.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 92, 68) }
```

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

```
.background{ background-color: rgb(75, 92,  
68) }
```

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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