

Converting Colors

YUV(84.0430, -18.7552, -4.4227)

Have a look what the booklet for
YUV(84.0430, -18.7552, -4.4227)
contains.

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Color

**YUV(84.0430, -18.7552,
-4.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5E2E
RGB	79, 94, 46
RGB Percent	31%, 37%, 18%
CMY	0.6902, 0.6314, 0.8196
CMYK	0.16, 0.00, 0.51, 0.63
HSL	79°, 34%, 27%
HSV	79°, 51%, 37%
XYZ	7.7203, 9.8649, 4.0820
YIQ	84.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

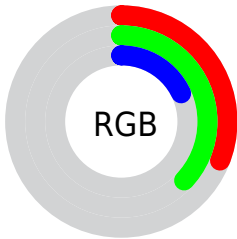
Format	Color
RYB	46, 94, 61
Decimal	5201454
CIELab	37.60, -14.49, 25.47
CIELCh	38, 29.308, 119.633
Yxy	9.8649, 0.3563, 0.4553
Android (android.graphics.Color)	4283391534 (0xFF4F5E2E)
YUV	84.0430, -18.7552, -4.4227
Hunter-Lab	31.4085, -11.0890, 14.2803

Details

The YUV color **84.0430, -18.7552, -4.4227** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.9570, 18.7552, 4.4227**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7010, -20.0656, -4.1228**, and **38.0430, -18.7552, -4.4227** is the 20% darker color. If you saturate the color by 10%, you get **82.1200, -22.2442, -5.3672**, and if you desaturate by 10%, it is **85.9660, -15.2662, -3.4782**.

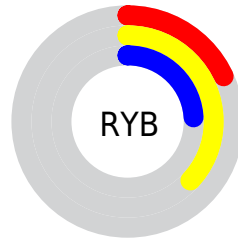
Distribution



Red (31%)

Green (37%)

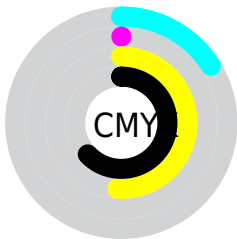
Blue (18%)



Red (18%)

Yellow (37%)

Blue (24%)

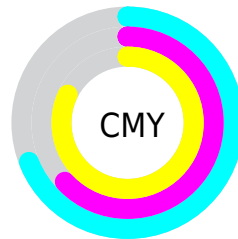


Cyan (16%)

Magenta (0%)

Yellow (51%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0430, -18.7552, -4.4227 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 84.0430, -18.7552, -4.4227 by changing the saturation by 10% instead.

■ 84.0430, -18.7552,
-4.4227

■ 84.0430, -18.7552,
-4.4227

255.0000, 0.0000,
0.0000

■ 60.2710, -17.8816,
-4.6227

■ 133.7010,
-20.0656, -4.1228

■ 38.0430, -18.7552,
-4.4227

■ 160.4730,
-20.9392, -3.9228

■ 17.9310, -8.8400,
-11.3405

■ 187.3590,
-21.3760, -3.8228

■ 0.0000, 0.0000,
0.0000

■ 215.2450,
-21.8128, -3.7229

■ 243.7180,
-22.5390, -4.1377

■ 251.6940,

-12.6671, 2.8994

■ 84.0430, -18.7552,
-4.4227

■ 84.0430, -18.7552,
-4.4227

■ 82.1200, -22.2442,
-5.3672

■ 85.9660, -15.2662,
-3.4782

■ 80.0830, -26.1699,
-6.2118

■ 88.0030, -11.3405,
-2.6336

■ 78.1600, -29.6589,
-7.1563

■ 89.9260, -7.8515,
-1.6891

■ 76.1230, -33.5846,
-8.0009

■ 91.9630, -3.9258,
-0.8446

■ 74.6130, -36.7842,
-8.4306

■ 93.8860, -0.4368,
0.1000

■ 95.8090, 3.0522,
1.0445

■ 97.8460, 6.9779,
1.8891

■ 99.7690, 10.4669,
2.8336

■ 101.5070, 14.5400,
3.0634

Harmonies

Analogous

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



86.4260, -22.8880, 14.5354



84.0430, -18.7552, -4.4227



80.0600, -7.9176, -27.2396

Triad

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



84.0430, -18.7552, -4.4227



71.6450, 28.2760, -62.8327



90.2310, -0.1139, 36.6314

Complementary

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



84.0430, -18.7552, -4.4227



55.9570, 18.7552, 4.4227

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.



91.6020, 10.5492, 23.1510



84.0430, -18.7552, -4.4227



83.2730, 25.9944, -30.9344

Square

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



84.0430, -18.7552, -4.4227



71.3540, 19.5455, -62.5775



89.8640, 19.7870, 0.1193



88.6690, -11.1758, 38.0013

Rectangle

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



84.0430, -18.7552, -4.4227



73.6860, 2.6198, -47.0826



89.8640, 19.7870, 0.1193



90.5340, 3.6807, 32.8577

Sweetspot

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



84.0430, -18.7552, -4.4227



118.4530, -7.1253, -1.2743



68.5700, -11.1270, 22.3021



58.8490, -4.3626, -0.7446



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.



84.0430, -18.7552, -4.4227



106.6870, -28.9327, -6.7415



77.1660, -15.3648, -18.5626



44.8320, -1.8892, -0.7297



86.9950, -42.8885, -10.5196



187.8560, -92.6130, -21.7987

Inverse Universe

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



55.9570, 18.7552, 4.4227



63.3130, 28.9327, 6.7415



62.8340, 15.3648, 18.5626



42.1680, 1.8892, 0.7297



22.7060, 43.0359, 9.9048



49.1440, 92.6130, 21.7987

Previews

White Background



This preview shows how the YUV color 84.0430, -18.7552, -4.4227 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 84.0430, -18.7552, -4.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

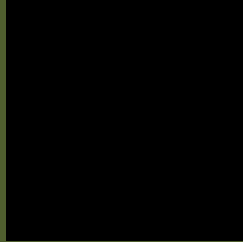
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0430, -18.7552, -4.4227

Background



This preview shows how black text looks on a background with the YUV color 84.0430, -18.7552, -4.4227.



This preview shows how white text looks on a background with the YUV color 84.0430, -18.7552,

-4.4227.

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

84.0430, -18.7552, -4.4227

Protanopia

85.9740, -20.6932, 10.5468

Deuteranopia

87.0720, -19.2625, 18.3539



Tritanopia

88.6020, 3.6472, -3.1590

Trichromacy



Original Color

84.0430, -18.7552, -4.4227

Protanomaly

85.1690, -19.8033, 5.1138

Deuteranomaly

86.0170, -19.2354, 9.6321

Tritanomaly

87.1260, -4.4991, -3.6185

Monochromacy



Original Color

84.0430, -18.7552, -4.4227

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1540, -6.9779, -1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0430, -18.7552, -4.4227 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(79, 94, 46)` looks like.

```
.text, #text, p{  
    color:rgb(79, 94, 46)  
}
```

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(79, 94, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 94, 46) }
```

Border

The CSS property to change the border of an element to YUV 84.0430, -18.7552, -4.4227 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(79, 94, 46) }
```


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

```
.border{ border-color:rgb(79, 94, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 94, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 94, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 94, 46);  
box-shadow:4px 4px 4px 4px rgb(79, 94, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.0430, -18.7552, -4.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 94, 46) }
```

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

```
.background{ background-color: rgb(79, 94,  
46) }
```

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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