

Converting Colors

YUV(79.4840, -20.9446, -2.1785)

Have a look what the booklet for
YUV(79.4840, -20.9446, -2.1785)
contains.

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Color

**YUV(79.4840, -20.9446,
-2.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5925
RGB	77, 89, 37
RGB Percent	30%, 35%, 15%
CMY	0.6980, 0.6510, 0.8549
CMYK	0.13, 0.00, 0.58, 0.65
HSL	74°, 41%, 25%
HSV	74°, 58%, 35%
XYZ	6.9669, 8.8561, 3.0925
YIQ	79.4840, 9.5400, -18.7160

Conversions

Conversions Part 2

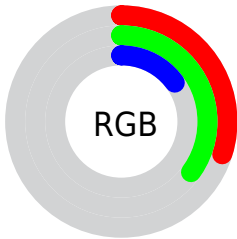
Format	Color
R_{YB}	37, 89, 49
Decimal	5069093
CIE _{Lab}	35.71, -13.62, 28.13
CIE _{LCh}	36, 31.250, 115.834
Y _{xy}	8.8561, 0.3683, 0.4682
Android (android.graphics.Color)	4283259173 (0xFF4D5925)
YUV	79.4840, -20.9446, -2.1785
Hunter-Lab	29.7592, -10.2903, 14.6702

Details

The YUV color **79.4840, -20.9446, -2.1785** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.5160, 20.9446, 2.1785**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1420, -22.2550, -1.8785**, and **34.8090, -17.1608, -2.4635** is the 20% darker color. If you saturate the color by 10%, you get **77.8600, -24.5810, -2.5082**, and if you desaturate by 10%, it is **81.1080, -17.3082, -1.8487**.

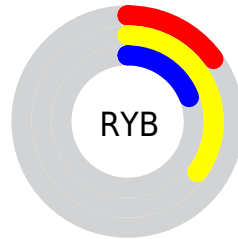
Distribution



Red (30%)

Green (35%)

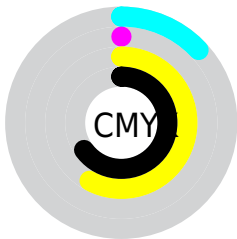
Blue (15%)



Red (15%)

Yellow (35%)

Blue (19%)

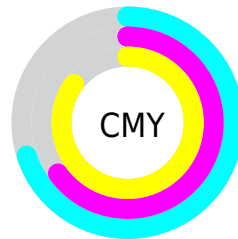


Cyan (13%)

Magenta (0%)

Yellow (58%)

Black (65%)



Cyan (70%)

Magenta (65%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4840, -20.9446, -2.1785 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 79.4840, -20.9446, -2.1785 by changing the saturation by 10% instead.

■ 79.4840, -20.9446,
-2.1785

■ 79.4840, -20.9446,
-2.1785

■ 255.0000, 0.0000,
0.0000

■ 56.1850, -20.7972,
-2.7932

■ 129.1420,
-22.2550, -1.8785

■ 34.8090, -17.1608,
-2.4635

■ 155.2130,
-23.2760, -1.0638

■ 14.0880, -6.9454,
-12.3552

■ 182.0990,
-23.7128, -0.9638

■ 0.0000, 0.0000,
0.0000

■ 209.9850,
-24.1496, -0.8638

■ 238.4580,
-24.8758, -1.2787

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

79.4840, -20.9446,
-2.1785

79.4840, -20.9446,
-2.1785

77.8600, -24.5810,
-2.5082

81.1080, -17.3082,
-1.8487

76.2360, -28.2173,
-2.8380

82.7320, -13.6719,
-1.5190

74.6120, -31.8537,
-3.1677

84.3560, -10.0355,
-1.1892

72.9880, -35.4901,
-3.4975

85.9800, -6.3991,
-0.8595

72.5750, -35.7795,
-4.0123

87.6040, -2.7628,
-0.5297

■ 89.1140, 0.4368,
-0.1000

■ 90.7380, 4.0732,
0.2298

■ 92.3620, 7.7095,
0.5595

■ 93.9860, 11.3459,
0.8893

Harmonies

Analogous

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



81.6930, -24.4986, 17.8092



79.4840, -20.9446, -2.1785



75.2020, -9.9596, -25.6102

Triad

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



79.4840, -20.9446, -2.1785



69.4280, 27.3970, -60.8884



85.3990, 1.7753, 37.3611

Complementary

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



79.4840, -20.9446, -2.1785



46.5160, 20.9446, 2.1785

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.



86.7590, 12.4438, 22.1364



79.4840, -20.9446, -2.1785



74.7060, 29.2319, -42.7152

Square

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



79.4840, -20.9446, -2.1785



68.3220, 18.0823, -59.9184



84.9990, 21.6925, -4.3841



83.7340, -9.7289, 40.5753

Rectangle

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



79.4840, -20.9446, -2.1785



67.4360, 1.7571, -50.3714



84.9990, 21.6925, -4.3841



85.7020, 5.5699, 33.5873

Sweetspot

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



79.4840, -20.9446, -2.1785



111.1110, -8.4357, -0.9743



59.0050, -10.8485, 26.3056



56.6210, -5.2362, -0.5446



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.



79.4840, -20.9446, -2.1785



100.0850, -32.5799, -3.5825



72.0090, -17.2594, -17.5479



42.2450, -1.5998, -0.2149



87.3270, -43.0522, -4.6718



191.7650, -94.5401, -10.3179

Inverse Universe

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



46.5160, 20.9446, 2.1785



48.9150, 32.5799, 3.5825



53.9910, 17.2594, 17.5479



39.7550, 1.5998, 0.2149



19.6730, 43.0522, 4.6718



42.9360, 94.6876, 9.7031

Previews

White Background



This preview shows how the YUV color 79.4840, -20.9446, -2.1785 looks on a white background.

Color Contrast Check

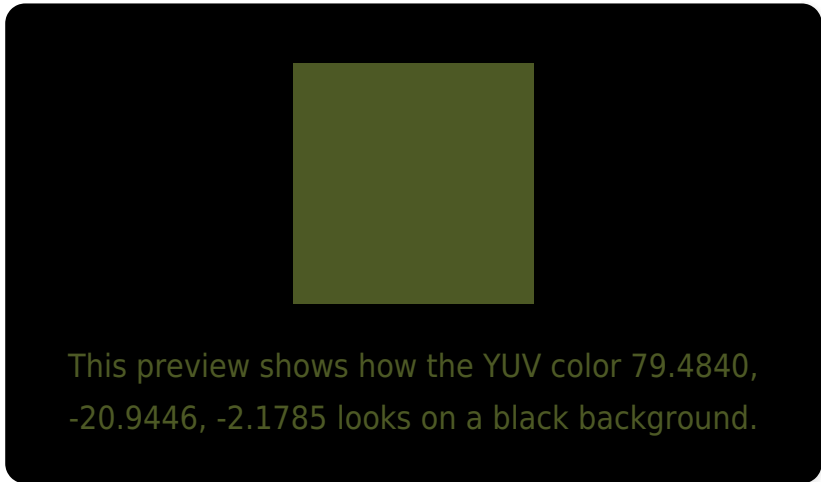
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

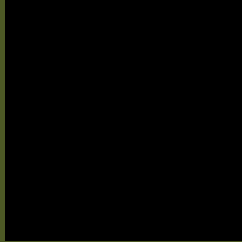
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4840, -20.9446, -2.1785

Background



This preview shows how black text looks on a background with the YUV color 79.4840, -20.9446, -2.1785.



This preview shows how white text looks on a background with the YUV color 79.4840, -20.9446,

-2.1785.

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

79.4840, -20.9446, -2.1785

Protanopia

81.2190, -22.2930, 10.3319

Deuteranopia

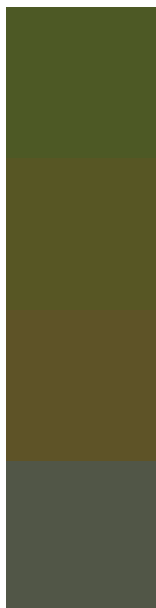
82.6160, -21.0097, 18.7538



Tritanopia

84.3850, 2.7682, -1.2146

Trichromacy



Original Color

79.4840, -20.9446, -2.1785

Protanomaly

80.5990, -21.9873, 5.6137

Deuteranomaly

81.2730, -20.8406, 11.1616

Tritanomaly

82.7950, -5.8149, -1.5742

Monochromacy



Original Color

79.4840, -20.9446, -2.1785

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3390, -7.5621, -1.1743

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4840, -20.9446, -2.1785 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, 89, 37)` looks like.

```
.text, #text, p{  
    color:rgb(77, 89, 37)  
}
```

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, 89, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 89, 37) }
```

Border

The CSS property to change the border of an element to YUV 79.4840, -20.9446, -2.1785 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, 89, 37) }
```


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

```
.border{ border-color:rgb(77, 89, 37) }
```

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

Here you see how a box with a 4 pixel rgb(77, 89, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 89, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 89, 37);  
box-shadow:4px 4px 4px 4px rgb(77, 89, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.4840, -20.9446, -2.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 89, 37) }
```

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

```
.background{ background-color: rgb(77, 89,  
37) }
```

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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