

Converting Colors

YUV(84.0980, -18.7823, 4.2991)

Have a look what the booklet for
YUV(84.0980, -18.7823, 4.2991)
contains.

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Color

**YUV(84.0980, -18.7823,
4.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	59592E
RGB	89, 89, 46
RGB Percent	35%, 35%, 18%
CMY	0.6510, 0.6510, 0.8196
CMYK	0.00, 0.00, 0.48, 0.65
HSL	60°, 32%, 26%
HSV	60°, 48%, 35%
XYZ	8.1853, 9.4659, 3.9804
YIQ	84.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

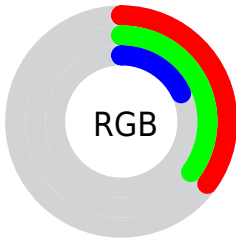
Format	Color
R_{YB}	46, 89, 46
Decimal	5855534
CIE _{Lab}	36.87, -7.07, 24.77
CIE _{LCh}	37, 25.760, 105.929
Yxy	9.4659, 0.3784, 0.4376
Android (android.graphics.Color)	4284045614 (0xFF59592E)
YUV	84.0980, -18.7823, 4.2991
Hunter-Lab	30.7666, -6.3524, 13.8660

Details

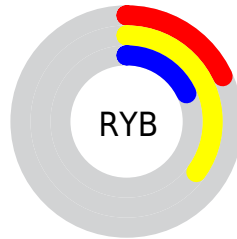
The YUV color **84.0980, -18.7823, 4.2991** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.9020, 18.7823, -4.2991**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0550, -20.2401, 5.2138**, and **38.3860, -18.9243, 3.1695** is the 20% darker color. If you saturate the color by 10%, you get **83.0720, -22.7135, 5.1989**, and if you desaturate by 10%, it is **85.1240, -14.8511, 3.3993**.

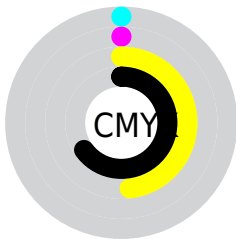
Distribution



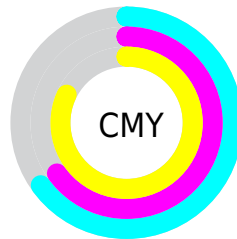
- Red (35%)
- Green (35%)
- Blue (18%)



- Red (18%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (48%)
- Black (65%)



- Cyan (65%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0980, -18.7823, 4.2991 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 84.0980, -18.7823, 4.2991 by changing the saturation by 10% instead.

■ 84.0980, -18.7823,
4.2991

■ 84.0980, -18.7823,
4.2991

■ 255.0000, 0.0000,
0.0000

■ 60.9130, -18.1981,
3.5843

■ 134.0550,
-20.2401, 5.2138

■ 38.3860, -18.9243,
3.1695

■ 160.2400,
-20.8243, 5.9285

■ 19.4700, -9.5987,
-1.2892

■ 187.1260,
-21.2611, 6.0285

■ 0.0000, 0.0000,
0.0000

■ 214.8980,
-22.1347, 6.2285

■ 243.7840,
-22.5715, 6.3284

■ 251.6940,

-12.6671, 2.8994

■ 84.0980, -18.7823,
4.2991

■ 84.0980, -18.7823,
4.2991

■ 83.0720, -22.7135,
5.1989

■ 85.1240, -14.8511,
3.3993

■ 82.0460, -26.6447,
6.0987

■ 86.1500, -10.9200,
2.4994

■ 81.0200, -30.5759,
6.9985

■ 87.1760, -6.9888,
1.5996

■ 79.9940, -34.5070,
7.8983

■ 88.2020, -3.0576,
0.6998

■ 79.0820, -38.0014,
8.6981

■ 89.1140, 0.4368,
-0.1000

■ 78.8540, -38.8750,
8.8980

■ 90.1400, 4.3680,
-0.9998

■ 91.1660, 8.2992,
-1.8996

■ 92.1920, 12.2303,
-2.7994

■ 93.2180, 16.1615,
-3.6992

Harmonies

Analogous

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



85.6700, -19.5573, 19.5834



84.0980, -18.7823, 4.2991



81.4100, -12.0341, -13.5146

Triad

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



84.0980, -18.7823, 4.2991



69.5760, 22.8870, -61.0182



88.9140, 3.9864, 28.1394

Complementary

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



84.0980, -18.7823, 4.2991



50.9020, 18.7823, -4.2991

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.



89.2200, 13.2025, 12.0851



84.0980, -18.7823, 4.2991



78.6480, 23.8375, -39.1563

Square

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



84.0980, -18.7823, 4.2991



68.5840, 14.0091, -60.1482



86.3850, 19.5302, -10.8616



87.7270, -5.7814, 34.4424

Rectangle

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



84.0980, -18.7823, 4.2991



78.5700, -4.7180, -26.8099



86.3850, 19.5302, -10.8616



89.3910, 7.2022, 23.3361

Sweetspot

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



84.0980, -18.7823, 4.2991



113.1760, -6.9888, 1.5996



58.8570, -6.3385, 26.4354



57.8600, -4.3680, 0.9998



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.



84.0980, -18.7823, 4.2991



107.3620, -29.2655, 6.6985



77.5200, -15.5394, -9.2260



42.5440, -1.7472, 0.3999



94.8020, -46.7374, 10.6976



208.2100, -102.6475, 23.4948

Inverse Universe

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



50.9020, 18.7823, -4.2991



55.6380, 29.2655, -6.6985



57.1810, 15.6868, 8.6113



39.4560, 1.7472, -0.3999



12.1980, 46.7374, -10.6976



26.7900, 102.6475, -23.4948

Previews

White Background



This preview shows how the YUV color 84.0980, -18.7823, 4.2991 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 84.0980, -18.7823, 4.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

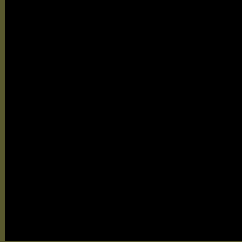
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0980, -18.7823, 4.2991

Background



This preview shows how black text looks on a background with the YUV color 84.0980, -18.7823, 4.2991.



This preview shows how white text looks on a background with the YUV color 84.0980, -18.7823,

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

84.0980, -18.7823, 4.2991

Protanopia

84.9030, -19.6722, 9.7321

Deuteranopia

85.8870, -18.6783, 17.6391



Tritanopia

87.7880, 1.5835, 5.4479

Trichromacy



Original Color

84.0980, -18.7823, 4.2991

Protanomaly

84.5930, -19.5193, 7.3729

Deuteranomaly

85.1530, -18.8094, 13.0208

Tritanomaly

86.5400, -5.6892, 4.7884

Monochromacy



Original Color

84.0980, -18.7823, 4.2991

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1760, -6.9888, 1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0980, -18.7823, 4.2991 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(89, 89, 46)` looks like.

```
.text, #text, p{  
    color:rgb(89, 89, 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(89, 89, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 89, 46) }
```

Border

The CSS property to change the border of an element to YUV 84.0980, -18.7823, 4.2991 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(89, 89, 46) }
```


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

```
.border{ border-color:rgb(89, 89, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 89, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 89, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 89, 46);  
box-shadow:4px 4px 4px 4px rgb(89, 89, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.0980, -18.7823, 4.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 89, 46) }
```

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

```
.background{ background-color: rgb(89, 89,  
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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