

Converting Colors

YUV(85.1810, -24.7392, 1.5953)

Have a look what the booklet for
YUV(85.1810, -24.7392, 1.5953)
contains.

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Color

**YUV(85.1810, -24.7392,
1.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	575E23
RGB	87, 94, 35
RGB Percent	34%, 37%, 14%
CMY	0.6588, 0.6314, 0.8627
CMYK	0.07, 0.00, 0.63, 0.63
HSL	67°, 46%, 25%
HSV	67°, 63%, 37%
XYZ	8.2366, 10.1530, 3.1157
YIQ	85.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

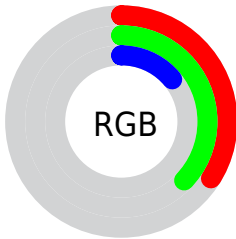
Format	Color
R_{YB}	35, 94, 42
Decimal	5725731
CIE Lab	38.12, -12.00, 32.13
CIE LCh	38, 34.296, 110.473
Yxy	10.1530, 0.3830, 0.4721
Android (android.graphics.Color)	4283915811 (0xFF575E23)
YUV	85.1810, -24.7392, 1.5953
Hunter-Lab	31.8638, -9.6206, 16.5071

Details

The YUV color **85.1810, -24.7392, 1.5953** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43.8190, 24.7392, -1.5953**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1380, -26.1970, 2.5100**, and **40.1360, -19.7870, -0.1193** is the 20% darker color. If you saturate the color by 10%, you get **83.8560, -28.5230, 1.8803**, and if you desaturate by 10%, it is **86.5060, -20.9555, 1.3102**.

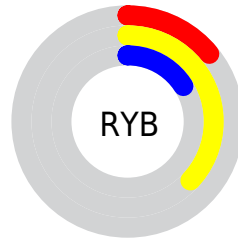
Distribution



Red (34%)

Green (37%)

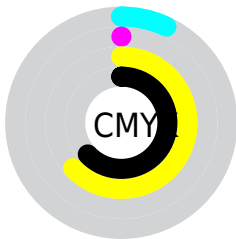
Blue (14%)



Red (14%)

Yellow (37%)

Blue (16%)

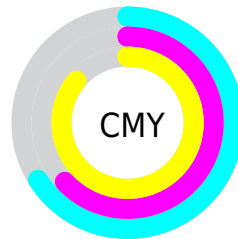


Cyan (7%)

Magenta (0%)

Yellow (63%)

Black (63%)



Cyan (66%)

Magenta (63%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1810, -24.7392, 1.5953 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 85.1810, -24.7392, 1.5953 by changing the saturation by 10% instead.

■ 85.1810, -24.7392,
1.5953

■ 85.1810, -24.7392,
1.5953

255.0000, 0.0000,
0.0000

■ 61.1810, -24.7392,
1.5953

■ 135.1380,
-26.1970, 2.5100

■ 40.1360, -19.7870,
-0.1193

■ 161.9100,
-27.0706, 2.7099

■ 20.6220, -10.1666,
-5.8075

■ 189.0950,
-27.6548, 3.4247

■ 0.0000, 0.0000,
0.0000

■ 216.8670,
-28.5284, 3.6246

■ 245.7530,
-28.9652, 3.7246

■ 250.4400,

-17.4719, 3.9991

253.6320, -5.2416,
1.1997

85.1810, -24.7392,
1.5953

85.1810, -24.7392,
1.5953

83.8560, -28.5230,
1.8803

86.5060, -20.9555,
1.3102

82.4170, -32.7436,
2.2653

87.9450, -16.7349,
0.9252

81.0920, -36.5274,
2.5503

89.2700, -12.9511,
0.6402

79.9950, -39.4375,
2.6354

90.7090, -8.7305,
0.2552

92.3330, -5.0942,
0.5850

■ 93.6580, -1.3104,
0.2999

■ 95.0970, 2.9102,
-0.0851

■ 96.4220, 6.6940,
-0.3701

■ 97.8610, 10.9145,
-0.7551

Harmonies

Analogous

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



87.4440, -26.8409, 22.4126



85.1810, -24.7392, 1.5953



80.8880, -13.7488, -23.5808

Triad

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



85.1810, -24.7392, 1.5953



74.3350, 28.4288, -65.1918



91.3930, 4.2433, 39.1203

Complementary

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



85.1810, -24.7392, 1.5953



43.8190, 24.7392, -1.5953

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.



92.6600, 15.9436, 19.5922



85.1810, -24.7392, 1.5953



72.1810, 35.4068, -63.3027

Square

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



85.1810, -24.7392, 1.5953



73.3600, 17.0775, -64.3367



89.6930, 25.7874, -11.1318



89.6960, -8.7241, 44.9936

Rectangle

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



85.1810, -24.7392, 1.5953



73.5350, -1.7428, -47.8272



89.6930, 25.7874, -11.1318



92.0980, 8.3327, 34.1171

Sweetspot

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



85.1810, -24.7392, 1.5953



118.7800, -9.7515, 1.0699



56.7500, -10.7227, 32.6683



59.1050, -5.9678, 0.7849



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.



85.1810, -24.7392, 1.5953



108.6360, -38.2745, 2.9502



76.5100, -20.4644, -16.2333



45.1310, -2.0366, -0.1149



93.5730, -46.1315, 3.0055



201.6100, -99.3937, 6.4810

Inverse Universe

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



43.8190, 24.7392, -1.5953



44.3640, 38.2745, -2.9502



52.4900, 20.4644, 16.2333



41.8690, 2.0366, 0.1149



16.4270, 46.1315, -3.0055



35.3900, 99.3937, -6.4810

Previews

White Background



This preview shows how the YUV color 85.1810, -24.7392, 1.5953 looks on a white background.

Color Contrast Check

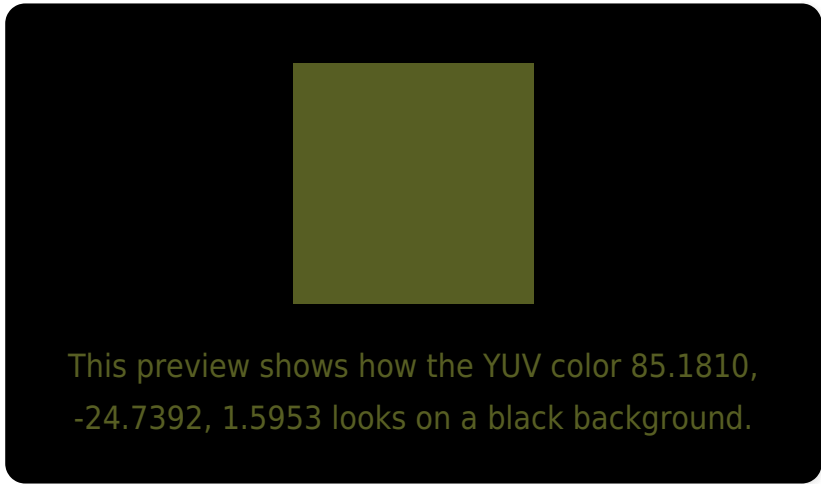
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

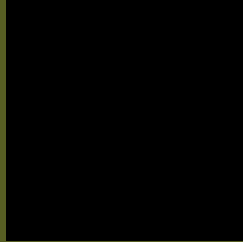
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1810, -24.7392, 1.5953

Background



This preview shows how black text looks on a background with the YUV color 85.1810, -24.7392, 1.5953.



This preview shows how white text looks on a background with the YUV color 85.1810, -24.7392,

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

85.1810, -24.7392, 1.5953

Protanopia

86.6060, -25.9348, 11.7465

Deuteranopia

87.4160, -24.3621, 20.6832



Tritanopia

90.2930, 2.3206, 2.3740

Trichromacy



Original Color

85.1810, -24.7392, 1.5953

Protanomaly

85.6980, -25.4871, 8.1579

Deuteranomaly

86.3720, -24.3404, 13.7058

Tritanomaly

88.3610, -7.5730, 2.3144

Monochromacy



Original Color

85.1810, -24.7392, 1.5953

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0080, -8.8779, 0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1810, -24.7392, 1.5953 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(87, 94, 35)` looks like.

```
.text, #text, p{  
    color:rgb(87, 94, 35)  
}
```

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(87, 94, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 94, 35) }
```

Border

The CSS property to change the border of an element to YUV 85.1810, -24.7392, 1.5953 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(87, 94, 35) }
```


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

```
.border{ border-color:rgb(87, 94, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 94, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 94, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 94, 35);  
box-shadow:4px 4px 4px 4px rgb(87, 94, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.1810, -24.7392, 1.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 94, 35) }
```

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

```
.background{ background-color: rgb(87, 94,  
35) }
```

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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