

Converting Colors

YUV(86.2820, -14.4360,
10.2767)

Have a look what the booklet for
YUV(86.2820, -14.4360, 10.2767)
contains.

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Color

**YUV(86.2820, -14.4360,
10.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	625639
RGB	98, 86, 57
RGB Percent	38%, 34%, 22%
CMY	0.6157, 0.6627, 0.7765
CMYK	0.00, 0.12, 0.42, 0.62
HSL	42°, 26%, 30%
HSV	42°, 42%, 38%
XYZ	9.1033, 9.5477, 5.2340
YIQ	86.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

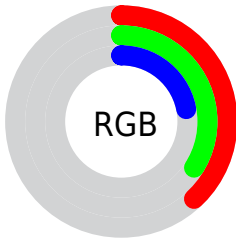
Format	Color
R_{YB}	74, 98, 57
Decimal	6444601
CIE Lab	37.02, 0.24, 18.69
CIE LCh	37, 18.692, 89.266
Yxy	9.5477, 0.3811, 0.3997
Android (android.graphics.Color)	4284634681 (0xFF625639)
YUV	86.2820, -14.4360, 10.2767
Hunter-Lab	30.8993, -1.4854, 11.5865

Details

The YUV color **86.2820, -14.4360, 10.2767** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.7180, 14.4360, -10.2767**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5380, -16.0412, 11.8062**, and **40.6130, -13.1202, 8.2324** is the 20% darker color. If you saturate the color by 10%, you get **83.3810, -17.9358, 12.8209**, and if you desaturate by 10%, it is **89.1830, -10.9362, 7.7325**.

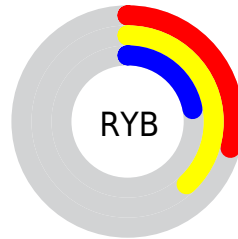
Distribution



 Red (38%)

 Green (34%)

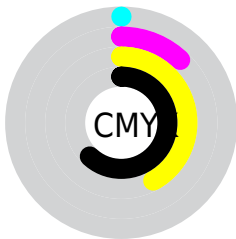
 Blue (22%)



 Red (29%)

 Yellow (38%)

 Blue (22%)

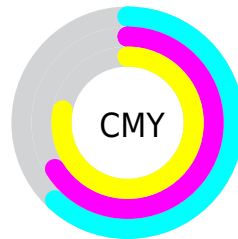



 Cyan (0%)


 Magenta (12%)

 Yellow (42%)

 Black (62%)



 Cyan (62%)

 Magenta (66%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.2820, -14.4360, 10.2767 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 86.2820, -14.4360, 10.2767 by changing the saturation by 10% instead.

■ 86.2820, -14.4360,
10.2767

■ 86.2820, -14.4360,
10.2767

■ 255.0000, 0.0000,
0.0000

■ 63.0970, -13.8518,
9.5619

■ 136.5380,
-16.0412, 11.8062

■ 40.6130, -13.1202,
8.2324

■ 162.8370,
-16.1886, 12.4210

■ 20.9980, -10.3520,
7.0178

■ 189.7230,
-16.6254, 12.5209

■ 0.0000, 0.0000,
0.0000

■ 217.9080,
-17.2096, 13.2357

■ 244.0000,
-16.7620, 9.6470

■ 253.1760, -6.9888,

1.5996

■ 86.2820, -14.4360,
10.2767

■ 86.2820, -14.4360,
10.2767

■ 83.3810, -17.9358,
12.8209

■ 89.1830, -10.9362,
7.7325

■ 80.4800, -21.4356,
15.3650

■ 92.0840, -7.4364,
5.1883

■ 77.6930, -24.4986,
17.8092

■ 94.8710, -4.3734,
2.7441

■ 75.3790, -28.2878,
19.8386

■ 97.1850, -0.5842,
0.7148

■ 72.4780, -31.7877,
22.3828

■ 100.0860, 2.9156,
-1.8294

■ 69.8050, -34.4139,
24.7270

■ 102.9870, 6.4154,
-4.3736

■ 105.8880, 9.9152,
-6.9178

■ 108.6750, 12.9782,
-9.3620

■ 111.5760, 16.4780,
-11.9062

Harmonies

Analogous

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



87.5050, -12.5740, 19.7281



86.2820, -14.4360, 10.2767



84.8890, -11.7773, -2.5337

Triad

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



86.2820, -14.4360, 10.2767



78.6410, 11.0230, -35.6422



89.2220, 6.7926, 14.7143

Complementary

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



86.2820, -14.4360, 10.2767



68.7180, 14.4360, -10.2767

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.



88.2140, 12.2195, 0.6893



86.2820, -14.4360, 10.2767



81.1130, 15.2273, -30.7941

Square

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



86.2820, -14.4360, 10.2767



79.9210, 2.9969, -27.9947



85.6140, 15.4733, -16.3245



89.3280, -0.6547, 23.3913

Rectangle

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



86.2820, -14.4360, 10.2767



83.4580, -8.1138, -10.9257



85.6140, 15.4733, -16.3245



89.3570, 8.6980, 10.2109

Sweetspot

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



86.2820, -14.4360, 10.2767



123.1270, -5.9786, 4.2736



70.6270, -0.8021, 24.0061



61.0990, -3.4998, 2.5442



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



86.2820, -14.4360, 10.2767



109.5510, -22.4566, 16.1798



90.9340, -16.7295, -0.8191



46.9570, -1.4578, 0.9147



79.8610, -39.3715, 28.1859



171.5500, -84.5741, 60.0307

Inverse Universe

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



68.7180, 14.4360, -10.2767



81.8620, 22.7460, -15.6650



64.0660, 16.7295, 0.8191



45.0430, 1.4578, -0.9147



32.1390, 39.3715, -28.1859



68.4500, 84.5742, -60.0306

Previews

White Background



This preview shows how the YUV color 86.2820, -14.4360, 10.2767 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 86.2820, -14.4360, 10.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

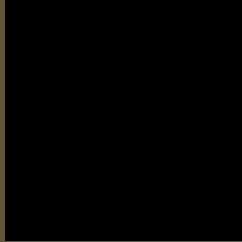
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.2820, -14.4360, 10.2767

Background



This preview shows how black text looks on a background with the YUV color 86.2820, -14.4360, 10.2767.

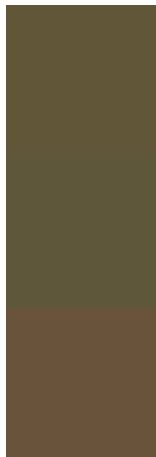


This preview shows how white text looks on a background with the YUV color 86.2820, -14.4360,

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

86.2820, -14.4360, 10.2767

Protanopia

85.9720, -14.2832, 7.9176

Deuteranopia

86.7280, -14.1629, 16.0245



Tritanopia

88.3650, -0.1799, 11.0809

Trichromacy



Original Color

86.2820, -14.4360, 10.2767

Protanomaly

86.2710, -14.4306, 8.5323

Deuteranomaly

86.4180, -14.0101, 13.6654

Tritanomaly

87.3990, -5.1267, 11.0511

Monochromacy



Original Color

86.2820, -14.4360, 10.2767

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.2820, -14.4360, 10.2767 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(98, 86, 57)` looks like.

```
.text, #text, p{  
    color:rgb(98, 86, 57)  
}
```

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(98, 86, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 86, 57) }
```

Border

The CSS property to change the border of an element to YUV 86.2820, -14.4360, 10.2767 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(98, 86, 57) }
```


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

```
.border{ border-color:rgb(98, 86, 57) }
```

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

Here you see how a box with a 4 pixel rgb(98, 86, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 86, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 86, 57);  
box-shadow:4px 4px 4px 4px rgb(98, 86, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.2820, -14.4360, 10.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 86, 57) }
```

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

```
.background{ background-color: rgb(98, 86,  
57) }
```

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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