

Converting Colors

YUV(84.2860, -20.3540,
41.8452)

Have a look what the booklet for
YUV(84.2860, -20.3540, 41.8452)
contains.

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Color

**YUV(84.2860, -20.3540,
41.8452)**

Conversions

Conversions Part 1

Format	Color
Hex	84442B
RGB	132, 68, 43
RGB Percent	52%, 27%, 17%
CMY	0.4824, 0.7333, 0.8314
CMYK	0.00, 0.48, 0.67, 0.48
HSL	17°, 51%, 34%
HSV	17°, 67%, 52%
XYZ	12.0189, 9.2142, 3.4306
YIQ	84.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

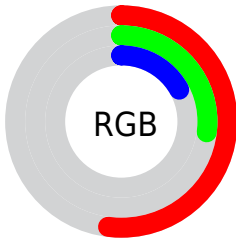
Format	Color
R_{YB}	132, 78, 43
Decimal	8668203
CIE _{Lab}	36.39, 25.13, 27.17
CIE _{LCh}	36, 37.007, 47.228
Yxy	9.2142, 0.4873, 0.3736
Android (android.graphics.Color)	4286858283 (0xFF84442B)
YUV	84.2860, -20.3540, 41.8452
Hunter-Lab	30.3549, 17.5552, 14.5478

Details

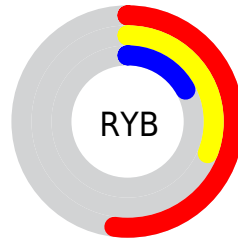
The YUV color $[84.2860, -20.3540, 41.8452]$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $[90.7140, 20.3540, -41.8452]$, and the grayscale version is $[84.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[135.3360, -22.8436, 47.0633]$, and $[36.2360, -17.8643, 36.6270]$ is the 20% darker color. If you saturate the color by 10%, you get $[77.5210, -23.4279, 47.7781]$, and if you desaturate by 10%, it is $[91.0510, -17.2801, 35.9123]$.

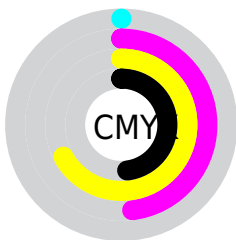
Distribution



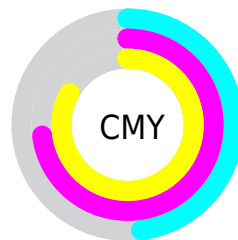
- Red (52%)
- Green (27%)
- Blue (17%)



- Red (52%)
- Yellow (31%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (67%)
- Black (48%)



- Cyan (48%)
- Magenta (73%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2860, -20.3540, 41.8452 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 84.2860, -20.3540, 41.8452 by changing the saturation by 10% instead.

84.2860, -20.3540,
41.8452

84.2860, -20.3540,
41.8452

255.0000, 0.0000,
0.0000

60.0190, -18.7434,
38.5713

135.3360,
-22.8436, 47.0633

36.2360, -17.8643,
36.6270

162.1190,
-23.7227, 49.0076

15.2490, -7.5178,
31.3536

189.9020,
-24.6017, 50.9519

6.2790, -3.0955,
12.9103

210.8080,
-22.0903, 38.7564

0.0000, 0.0000,
0.0000

230.9090,
-18.6891, 21.1278

250.5370,

-14.5617, 3.9141

254.4300, -2.1840,
0.4999

■ 84.2860, -20.3540,
41.8452

■ 84.2860, -20.3540,
41.8452

■ 77.5210, -23.4279,
47.7781

■ 91.0510, -17.2801,
35.9123

■ 70.1690, -26.2123,
54.2258

■ 98.4030, -14.4957,
29.4646

■ 63.2900, -29.7230,
60.2587

■ 105.2820,
-10.9850, 23.4317

■ 61.1870, -30.1652,
62.1030

■ 112.6340, -8.2006,
16.9840

■ 119.3990, -5.1267,
11.0511

■ 126.7510, -2.3422,
4.6034

■ 133.5160, 0.7316,
-1.3295

■ 140.9820, 3.9529,
-7.8772

■ 147.7470, 7.0267,
-13.8101

Harmonies

Analogous

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



84.4730, -7.1352, 48.6972



84.2860, -20.3540, 41.8452



83.2980, -28.7409, 25.1717

Triad

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



84.2860, -20.3540, 41.8452



66.2070, 2.3629, -58.0635



84.0450, 28.5718, -17.5795

Complementary

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



84.2860, -20.3540, 41.8452



90.7140, 20.3540, -41.8452

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.



70.8930, 35.5488, -62.1732



84.2860, -20.3540, 41.8452



70.3280, 15.6143, -61.6777

Square

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



84.2860, -20.3540, 41.8452



76.5030, -16.5170, -22.3661



72.2320, 27.9866, -63.3475



88.6320, 18.4224, 17.8627

Rectangle

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



84.2860, -20.3540, 41.8452



81.3950, -29.2817, 11.9316



72.2320, 27.9866, -63.3475



79.5590, 32.2624, -34.6932

Sweetspot

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



84.2860, -20.3540, 41.8452



152.4490, -7.6164, 16.2692



77.0210, 15.2726, 48.2166



75.8010, -4.8319, 9.8215



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



84.2860, -20.3540, 41.8452



96.4540, -31.7758, 65.3768



109.5270, -32.7978, 19.7088



62.9680, -1.4632, 2.6591



60.5890, -29.8704, 60.8734



1.4840, -0.7316, 1.3295

Inverse Universe

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



90.7140, 20.3540, -41.8452



106.5460, 31.7758, -65.3768



65.4730, 32.7978, -19.7088



63.0320, 1.4632, -2.6591



69.9980, 29.5810, -61.3882



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 84.2860, -20.3540, 41.8452 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 84.2860, -20.3540, 41.8452 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 84.2860, -20.3540, 41.8452

Background



This preview shows how black text looks on a background with the YUV color 84.2860, -20.3540, 41.8452.



This preview shows how white text looks on a background with the YUV color 84.2860, -20.3540,

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

84.2860, -20.3540, 41.8452

Protanopia

84.4730, -17.4882, 9.2322

Deuteranopia

84.6870, -22.0307, 19.5685



Tritanopia

85.7880, -8.2765, 41.4049

Trichromacy



Original Color

84.2860, -20.3540, 41.8452

Protanomaly

84.0230, -18.2523, 21.0278

Deuteranomaly

84.5570, -21.4736, 27.5755

Tritanomaly

85.3490, -12.4971, 41.7899

Monochromacy



Original Color

84.2860, -20.3540, 41.8452

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2860, -20.3540, 41.8452 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(132, 68, 43)` looks like.

```
.text, #text, p{  
    color:rgb(132, 68, 43)  
}
```

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(132, 68, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 68, 43) }
```

Border

The CSS property to change the border of an element to YUV 84.2860, -20.3540, 41.8452 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(132, 68, 43) }
```


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

```
.border{ border-color:rgb(132, 68, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 68, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 68, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 68, 43);  
box-shadow:4px 4px 4px 4px rgb(132, 68,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 84.2860, -20.3540, 41.8452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 68, 43) }
```

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

```
.background{ background-color: rgb(132, 68,  
43) }
```

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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