

Converting Colors

YUV(83.5960, -20.5068,
44.2043)

Have a look what the booklet for
YUV(83.5960, -20.5068, 44.2043)
contains.

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Color

**YUV(83.5960, -20.5068,
44.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	86422A
RGB	134, 66, 42
RGB Percent	53%, 26%, 16%
CMY	0.4745, 0.7412, 0.8353
CMYK	0.00, 0.51, 0.69, 0.47
HSL	16°, 52%, 35%
HSV	16°, 69%, 53%
XYZ	12.1976, 9.1319, 3.3102
YIQ	83.5960, 48.2320, 6.9520

Conversions

Conversions Part 2

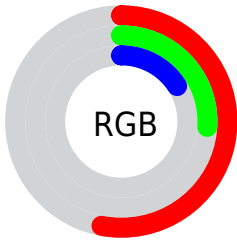
Format	Color
R_{YB}	134, 74, 42
Decimal	8798762
CIE _{Lab}	36.24, 27.04, 27.64
CIE _{LCh}	36, 38.671, 45.629
Yxy	9.1319, 0.4950, 0.3706
Android (android.graphics.Color)	4286988842 (0xFF86422A)
YUV	83.5960, -20.5068, 44.2043
Hunter-Lab	30.2191, 19.1665, 14.6586

Details

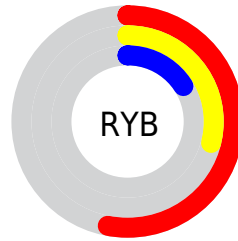
The YUV color **83.5960, -20.5068, 44.2043** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **92.4040, 20.5068, -44.2043**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6460, -22.9965, 49.4225**, and **35.0730, -17.2910, 39.4010** is the 20% darker color. If you saturate the color by 10%, you get **76.2440, -23.2913, 50.6520**, and if you desaturate by 10%, it is **90.9480, -17.7224, 37.7566**.

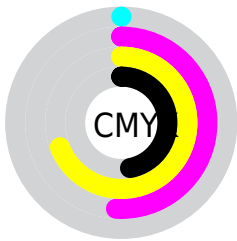
Distribution



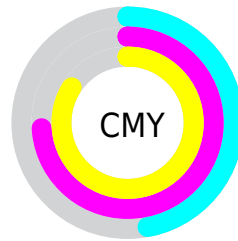
- Red (53%)
- Green (26%)
- Blue (16%)



- Red (53%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5960, -20.5068, 44.2043 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 83.5960, -20.5068, 44.2043 by changing the saturation by 10% instead.

■ 83.5960, -20.5068,
44.2043

■ 83.5960, -20.5068,
44.2043

255.0000, 0.0000,
0.0000

■ 59.3290, -18.8962,
40.9305

■ 134.6460,
-22.9965, 49.4225

■ 35.0730, -17.2910,
39.4010

■ 161.7280,
-24.0229, 51.9815

■ 15.8470, -7.8126,
32.5832

■ 189.0980,
-25.1913, 53.4111

■ 6.8770, -3.3904,
14.1399

■ 210.1070,
-22.2378, 39.3712

■ 0.0000, 0.0000,
0.0000

■ 229.6210,
-18.5472, 22.2574

■ 249.2490,

-14.4198, 5.0436

254.3160, -2.6208,
0.5999

83.5960, -20.5068,
44.2043

83.5960, -20.5068,
44.2043

76.2440, -23.2913,
50.6520

90.9480, -17.7224,
37.7566

68.7780, -26.5126,
57.1997

98.4140, -14.5011,
31.2089

61.4260, -29.2970,
63.6474

105.7660,
-11.7166, 24.7612

60.6110, -29.8812,
64.3622

113.2320, -8.4954,
18.2135

120.5840, -5.7109,
11.7658

■ 127.3490, -2.6371,
5.8329

■ 134.8150, 0.5842,
-0.7148

■ 142.1670, 3.3687,
-7.1625

■ 149.6330, 6.5899,
-13.7101

Harmonies

Analogous

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



83.8970, -6.8512, 50.9563



83.5960, -20.5068, 44.2043



82.3800, -29.7673, 27.7307

Triad

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



83.5960, -20.5068, 44.2043



65.9790, 1.4894, -57.8636



82.5930, 30.7667, -21.5681

Complementary

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



83.5960, -20.5068, 44.2043



92.4040, 20.5068, -44.2043

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.



71.1210, 36.4223, -62.3731



83.5960, -20.5068, 44.2043



70.2140, 15.1775, -61.5777

Square

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



83.5960, -20.5068, 44.2043



76.0470, -18.2642, -21.9662



72.2320, 27.9866, -63.3475



88.0880, 20.1696, 17.4628

Rectangle

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



83.5960, -20.5068, 44.2043



81.1240, -31.6131, 13.0463



72.2320, 27.9866, -63.3475



75.9000, 35.0523, -42.8853

Sweetspot

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



83.5960, -20.5068, 44.2043



153.0470, -7.9112, 17.4988



77.3740, 16.5776, 49.6610



75.1000, -4.9793, 10.4363



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.



83.5960, -20.5068, 44.2043



95.1770, -31.6393, 68.2508



110.0110, -33.5294, 21.0384



62.3810, -1.1738, 3.1739



58.8280, -29.0022, 62.4178



1.4840, -0.7316, 1.3295

Inverse Universe

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



92.4040, 20.5068, -44.2043



108.8230, 31.6393, -68.2508



65.9890, 33.5294, -21.0384



63.6190, 1.1738, -3.1739



71.1720, 29.0022, -62.4178



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 83.5960, -20.5068, 44.2043 looks on a white background.

Color Contrast Check

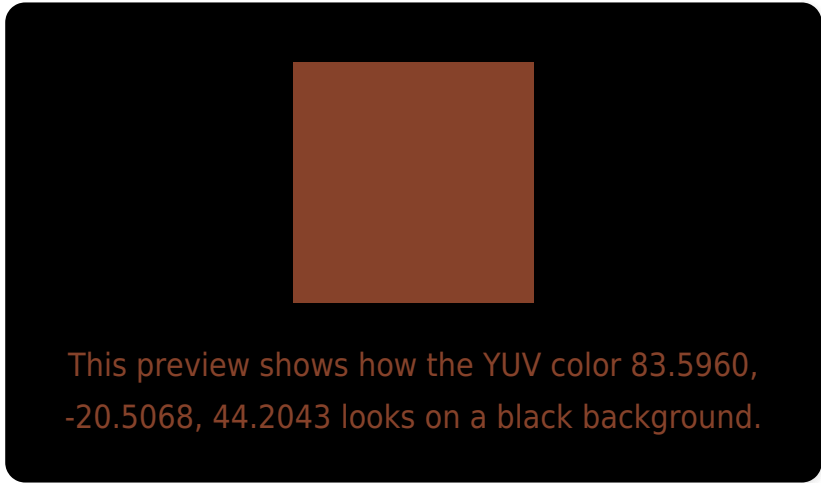
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.5960, -20.5068, 44.2043

Background



This preview shows how black text looks on a background with the YUV color 83.5960, -20.5068, 44.2043.



This preview shows how white text looks on a background with the YUV color 83.5960, -20.5068,

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

83.5960, -20.5068, 44.2043

Protanopia

84.1740, -17.3408, 8.6174

Deuteranopia

84.1600, -22.7569, 19.1537



Tritanopia

84.9840, -8.8661, 43.8640

Trichromacy



Original Color

83.5960, -20.5068, 44.2043

Protanomaly

84.2080, -18.8365, 21.7426

Deuteranomaly

83.7420, -22.0578, 28.2903

Tritanomaly

84.5450, -13.0867, 44.2490

Monochromacy



Original Color

83.5960, -20.5068, 44.2043

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.5630, -7.1796, 16.1692

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5960, -20.5068, 44.2043 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(134, 66, 42)` looks like.

```
.text, #text, p{  
    color:rgb(134, 66, 42)  
}
```

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(134, 66, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 66, 42) }
```

Border

The CSS property to change the border of an element to YUV 83.5960, -20.5068, 44.2043 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(134, 66, 42) }
```


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

```
.border{ border-color:rgb(134, 66, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 66, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 66, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 66, 42);  
box-shadow:4px 4px 4px 4px rgb(134, 66,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 83.5960, -20.5068, 44.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 66, 42) }
```

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

```
.background{ background-color: rgb(134, 66,  
42) }
```

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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