

Converting Colors

YUV(83.6530, 43.0621,
-45.2997)

Have a look what the booklet for
YUV(83.6530, 43.0621, -45.2997)
contains.

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Color

**YUV(83.6530, 43.0621,
-45.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	205DAB
RGB	32, 93, 171
RGB Percent	13%, 36%, 67%
CMY	0.8745, 0.6353, 0.3294
CMYK	0.81, 0.46, 0.00, 0.33
HSL	214°, 68%, 40%
HSV	214°, 81%, 67%
XYZ	11.8607, 11.0761, 40.0408
YIQ	83.6530, -61.3940, 11.3260

Conversions

Conversions Part 2

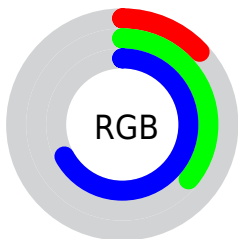
Format	Color
R_{YB}	32, 74, 171
Decimal	2121131
CIE _{Lab}	39.71, 9.74, -47.24
CIE _{LCh}	40, 48.233, 281.646
Yxy	11.0761, 0.1883, 0.1759
Android (android.graphics.Color)	4280311211 (0xFF205DAB)
YUV	83.6530, 43.0621, -45.2997
Hunter-Lab	33.2807, 5.3733, -48.0368

Details

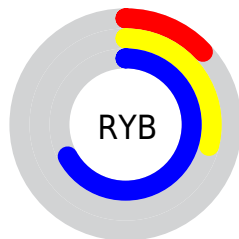
The YUV color **83.6530, 43.0621, -45.2997** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **119.3470, -43.0621, 45.2997**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7190, 43.0295, -34.8336**, and **41.6280, 37.6514, -36.5078** is the 20% darker color. If you saturate the color by 10%, you get **72.7000, 48.4619, -50.6029**, and if you desaturate by 10%, it is **94.6060, 37.6622, -39.9965**.

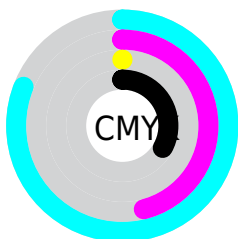
Distribution



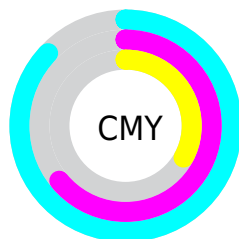
- Red (13%)
- Green (36%)
- Blue (67%)



- Red (13%)
- Yellow (29%)
- Blue (67%)



- Cyan (81%)
- Magenta (46%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6530, 43.0621, -45.2997 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 83.6530, 43.0621, -45.2997 by changing the saturation by 10% instead.

■ 83.6530, 43.0621,
-45.2997

■ 83.6530, 43.0621,
-45.2997

■ 255.0000, 0.0000,
0.0000

■ 57.5060, 42.6415,
-50.4328

■ 139.7190, 43.0295,
-34.8336

■ 41.6280, 37.6514,
-36.5078

■ 166.8440, 43.4609,
-33.1892

■ 27.0380, 32.5193,
-23.7123

■ 191.3640, 31.3725,
-29.2602

■ 8.4530, 29.8497,
-7.4133

■ 216.7700, 18.8474,
-25.2313

■ 6.8910, 18.7877,
-6.0434

■ 242.4640, 6.1802,
-22.3319

■ 3.3230, 10.1938,
-2.9143

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 83.6530, 43.0621,
-45.2997

■ 83.6530, 43.0621,
-45.2997

■ 72.7000, 48.4619,
-50.6029

■ 94.6060, 37.6622,
-39.9965

■ 63.5190, 52.9881,
-55.7062

■ 104.9720, 32.5518,
-34.1784

■ 115.9250, 27.1520,
-28.8752

■ 126.2910, 22.0415,
-23.0572

■ 137.2440, 16.6417,
-17.7540

■ 148.4960, 11.0945,
-11.8360

■ 158.8620, 5.9840,
-6.0180

■ 169.8150, 0.5842,
-0.7148

■ 180.1810, -4.5262,
5.1033

Harmonies

Analogous

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



80.7870, 42.9960, -70.8502



83.6530, 43.0621, -45.2997



96.4390, 27.8846, 16.2780

Triad

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



83.6530, 43.0621, -45.2997



90.2880, -23.3130, 57.6294



72.2080, -2.5675, -63.3264

Complementary

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



83.6530, 43.0621, -45.2997



119.3470, -43.0621, 45.2997

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.



81.0870, -25.6789, -23.7553



83.6530, 43.0621, -45.2997



89.2150, -39.5460, 37.5224

Square

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



83.6530, 43.0621, -45.2997



89.8540, -4.8580, 65.0260



86.2410, -42.5168, 10.3126



78.0560, 14.7624, -68.4551

Rectangle

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



83.6530, 43.0621, -45.2997



95.0740, 18.2045, 41.1541



86.2410, -42.5168, 10.3126



70.1390, -7.9565, -61.5119

Sweetspot

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



83.6530, 43.0621, -45.2997



188.5430, 16.4943, -17.1392



122.2570, -7.0287, -79.1554



91.8660, 9.9261, -10.4065



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



83.6530, 43.0621, -45.2997



85.2040, 67.4404, -71.2159



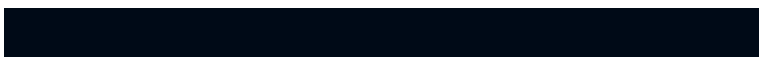
49.9390, 59.6831, -9.5935



81.3740, 2.7736, -2.9590



55.8420, 46.4199, -48.9734



8.4920, 7.1524, -7.4475

Inverse Universe

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



80.5150, 6.1551, 79.3553



80.1260, 9.7979, 124.4235



153.0610, -59.6831, 9.5935



81.1470, 0.4205, 5.1331



52.3740, 6.7176, 85.6180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 83.6530, 43.0621, -45.2997 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



This preview shows how the YUV color 83.6530, 43.0621, -45.2997 looks on a 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 83.6530, 43.0621, -45.2997

Background



This preview shows how black text looks on a background with the YUV color 83.6530, 43.0621, -45.2997.



This preview shows how white text looks on a background with the YUV color 83.6530, 43.0621, -45.2997.

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

83.6530, 43.0621, -45.2997

Protanopia

89.1280, 39.3769, -29.9303

Deuteranopia

74.9170, 45.8899, -65.7022



Tritanopia

73.7020, 18.3879, -64.6367

Trichromacy



Original Color

83.6530, 43.0621, -45.2997

Protanomaly

87.4370, 40.7036, -35.4632

Deuteranomaly

78.0320, 44.8472, -57.9101

Tritanomaly

77.4500, 27.3861, -57.3997

Monochromacy



Original Color

83.6530, 43.0621, -45.2997

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7280, 15.9101, -16.4245

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6530, 43.0621, -45.2997 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(32, 93, 171)` looks like.

```
.text, #text, p{  
    color:rgb(32, 93, 171)  
}
```

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(32, 93, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 93, 171) }
```

Border

The CSS property to change the border of an element to YUV 83.6530, 43.0621, -45.2997 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(32, 93, 171) }
```


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

```
.border{ border-color:rgb(32, 93, 171) }
```

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

Here you see how a box with a 4 pixel rgb(32, 93, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 93, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 93, 171);  
box-shadow:4px 4px 4px 4px rgb(32, 93,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 83.6530, 43.0621, -45.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 93, 171) }
```

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

```
.background{ background-color: rgb(32, 93,  
171) }
```

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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