

Converting Colors

YUV(83.5950, 17.4547,
-45.2488)

Have a look what the booklet for
YUV(83.5950, 17.4547, -45.2488)
contains.

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Color

**YUV(83.5950, 17.4547,
-45.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	206777
RGB	32, 103, 119
RGB Percent	13%, 40%, 47%
CMY	0.8745, 0.5961, 0.5333
CMYK	0.73, 0.13, 0.00, 0.53
HSL	191°, 58%, 30%
HSV	191°, 73%, 47%
XYZ	8.7757, 11.3395, 19.1790
YIQ	83.5950, -47.4520, -10.0760

Conversions

Conversions Part 2

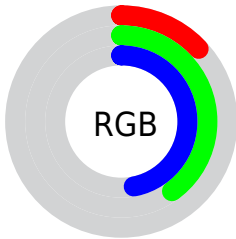
Format	Color
R _Y B	32, 71, 119
Decimal	2123639
CIE Lab	40.15, -16.02, -15.31
CIE LCh	40, 22.160, 223.692
Yxy	11.3395, 0.2233, 0.2886
Android (android.graphics.Color)	4280313719 (0xFF206777)
YUV	83.5950, 17.4547, -45.2488
Hunter-Lab	33.6741, -12.4116, -10.1965




Details

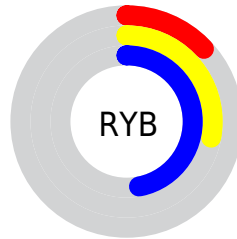
The YUV color **83.5950, 17.4547, -45.2488** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.4050, -17.4547, 45.2488**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **136.8020, 16.8596, -41.0454**, and **40.9660, 14.8068, -35.9272** is the 20% darker color. If you saturate the color by 10%, you get **78.8330, 19.8023, -51.5965**, and if you desaturate by 10%, it is **88.3570, 15.1070, -38.9011**.

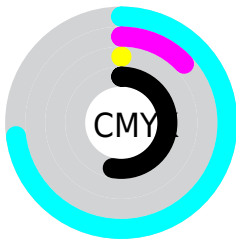
Distribution







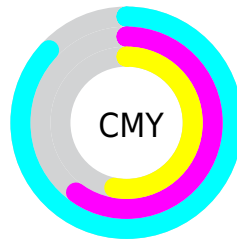
-  Red (13%)
-  Green (40%)
-  Blue (47%)






-  Red (13%)
-  Yellow (28%)
-  Blue (47%)



-  Cyan (73%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (60%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5950, 17.4547, -45.2488 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 83.5950, 17.4547, -45.2488 by changing the saturation by 10% instead.

83.5950, 17.4547,
-45.2488

83.5950, 17.4547,
-45.2488

255.0000, 0.0000,
0.0000

57.0890, 18.1971,
-50.0671

136.8020, 16.8596,
-41.0454

40.9660, 14.8068,
-35.9272

163.9160, 17.2964,
-41.1453

25.4300, 11.1270,
-22.3021

191.6170, 17.4438,
-41.7601

4.3660, 11.6516,
-3.8290

219.6170, 17.4438,
-41.7601

0.0000, 0.0000,
0.0000

238.8540, 7.9600,
-33.1980

247.5250, 3.6852,

-15.3694

■ 83.5950, 17.4547,
-45.2488

■ 83.5950, 17.4547,
-45.2488

■ 78.8330, 19.8023,
-51.5965

■ 88.3570, 15.1070,
-38.9011

■ 74.0710, 22.1500,
-57.9443

■ 93.1190, 12.7593,
-32.5534

■ 70.5050, 23.9080,
-61.8329

■ 98.4680, 10.1223,
-26.7204

■ 103.2300, 7.7746,
-20.3727

■ 107.9920, 5.4269,
-14.0250

■ 112.4550, 3.2267,
-8.2920

■ 117.2170, 0.8790,
-1.9443

■ 122.5660, -1.7580,
3.8886

■ 127.3280, -4.1057,
10.2363

Harmonies

Analogous

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



83.5540, 9.5869, -41.7049



83.5950, 17.4547, -45.2488



88.9650, 19.7373, -30.6643

Triad

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



83.5950, 17.4547, -45.2488



97.1800, 3.8553, 23.5211



92.6790, -16.6037, 5.5435

Complementary

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



83.5950, 17.4547, -45.2488



67.4050, -17.4547, 45.2488

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.



94.3540, -16.9365, 18.9835



83.5950, 17.4547, -45.2488



96.3350, -4.6022, 29.5242

Square

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



83.5950, 17.4547, -45.2488



96.8560, 11.9030, 8.8963



95.2610, -12.4537, 27.8351



90.3610, -11.0240, -10.8406

Rectangle

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



83.5950, 17.4547, -45.2488



92.9990, 18.2415, -17.5391



95.2610, -12.4537, 27.8351



93.1850, -17.3462, 10.3618

Sweetspot

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



83.5950, 17.4547, -45.2488



141.4260, 7.1850, -17.9136



84.8930, -18.1882, -46.3872



70.3730, 4.2531, -10.8511



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.5950, 17.4547, -45.2488



99.7750, 27.7189, -70.8397



58.3540, 29.8985, -23.1125



56.6190, 1.1738, -3.1739



72.6080, 24.3503, -63.6772



148.2480, 50.1637, -130.0135

Inverse Universe

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



66.1070, 18.1882, 46.3872



72.6170, 28.2898, 73.1269



92.6460, -29.8985, 23.1125



55.3640, 1.2995, 3.1888



47.8780, 25.6961, 65.0050



98.0060, 52.2550, 133.2987

Previews

White Background



This preview shows how the YUV color 83.5950, 17.4547, -45.2488 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 83.5950, 17.4547, -45.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

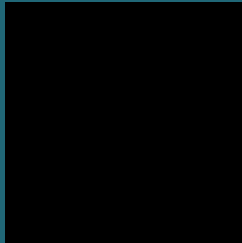
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5950, 17.4547, -45.2488

Background



This preview shows how black text looks on a background with the YUV color 83.5950, 17.4547, -45.2488.



This preview shows how white text looks on a background with the YUV color 83.5950, 17.4547,

-45.2488.

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

83.5950, 17.4547, -45.2488

Protanopia

94.2690, 8.7414, -3.7439

Deuteranopia

94.9960, 12.8200, -5.2585



Tritanopia

82.0030, 15.2815, -48.2376

Trichromacy



Original Color

83.5950, 17.4547, -45.2488

Protanomaly

90.6800, 11.9898, -19.0134

Deuteranomaly

90.9510, 14.3212, -20.1280

Tritanomaly

82.8290, 15.8603, -47.2080

Monochromacy



Original Color

83.5950, 17.4547, -45.2488

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5950, 17.4547, -45.2488 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, 103, 119)` looks like.

```
.text, #text, p{  
    color:rgb(32, 103, 119)  
}
```

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, 103, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 103, 119) }
```

Border

The CSS property to change the border of an element to YUV 83.5950, 17.4547, -45.2488 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, 103, 119) }
```


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

```
.border{ border-color:rgb(32, 103, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 103, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 103, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 103, 119);  
box-shadow:4px 4px 4px 4px rgb(32, 103,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 83.5950, 17.4547, -45.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 103, 119) }
```

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

```
.background{ background-color: rgb(32, 103,  
119) }
```

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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