

Converting Colors

YUV(88.2280, -9.4794, -39.6650)

Have a look what the booklet for
YUV(88.2280, -9.4794, -39.6650)
contains.

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Color

**YUV(88.2280, -9.4794,
-39.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7345
RGB	43, 115, 69
RGB Percent	17%, 45%, 27%
CMY	0.8314, 0.5490, 0.7294
CMYK	0.63, 0.00, 0.40, 0.55
HSL	142°, 46%, 31%
HSV	142°, 63%, 45%
XYZ	8.2012, 13.2047, 7.7467
YIQ	88.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

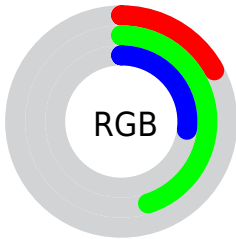
Format	Color
RYB	43, 96, 115
Decimal	2847557
CIELab	43.07, -33.67, 18.97
CIELCh	43, 38.646, 150.600
Yxy	13.2047, 0.2813, 0.4530
Android (android.graphics.Color)	4281037637 (0xFF2B7345)
YUV	88.2280, -9.4794, -39.6650
Hunter-Lab	36.3383, -23.3065, 12.7971

Details

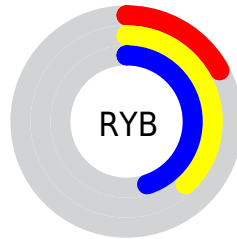
The YUV color **88.2280, -9.4794, -39.6650** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69.7720, 9.4794, 39.6650**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7720, -11.2266, -39.2650**, and **41.5920, -8.1799, -36.4762** is the 20% darker color. If you saturate the color by 10%, you get **84.1410, -10.9155, -45.7277**, and if you desaturate by 10%, it is **92.6140, -8.1907, -32.9875**.

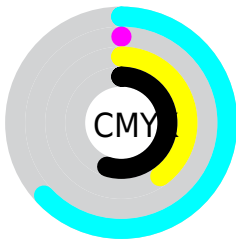
Distribution



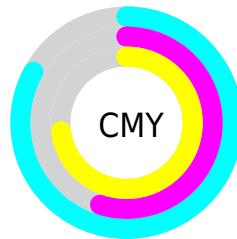
- Red (17%)
- Green (45%)
- Blue (27%)



- Red (17%)
- Yellow (38%)
- Blue (45%)



- Cyan (63%)
- Magenta (0%)
- Yellow (40%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2280, -9.4794, -39.6650 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 88.2280, -9.4794, -39.6650 by changing the saturation by 10% instead.

88.2280, -9.4794,
-39.6650

88.2280, -9.4794,
-39.6650

255.0000, 0.0000,
0.0000

61.0640, -7.4266,
-44.7831

140.7720,
-11.2266, -39.2650

41.5920, -8.1799,
-36.4762

167.5440,
-12.1002, -39.0651

25.2410, -12.4438,
-22.1364

195.1310,
-12.3896, -39.5799

11.1530, -5.4984,
-9.7812

223.6040,
-13.1158, -39.9947

0.0000, 0.0000,
0.0000

236.9290, -5.8810,
-27.1247

248.9060, 2.5113,

-12.1956

■ 88.2280, -9.4794,
-39.6650

■ 88.2280, -9.4794,
-39.6650

■ 84.1410, -10.9155,
-45.7277

■ 92.6140, -8.1907,
-32.9875

■ 79.6410, -12.6410,
-52.3052

■ 96.8150, -6.3178,
-27.0248

■ 75.5540, -14.0771,
-58.3679

■ 101.2010, -5.0291,
-20.3473

■ 72.2930, -14.9344,
-63.4010

■ 105.2880, -3.5930,
-14.2846

■ 109.7880, -1.8675,
-7.7071

■ 113.8750, -0.4314,
-1.6444

■ 118.2610, 0.8573,
5.0331

■ 122.4620, 2.7302,
10.9958

■ 126.8480, 4.0189,
17.6733

Harmonies

Analogous

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



95.0120, -25.1489, -7.0265



88.2280, -9.4794, -39.6650



80.1930, 10.2579, -70.3293

Triad

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



88.2280, -9.4794, -39.6650



91.3230, 36.8158, -48.5183



100.8340, -14.7082, 51.0116

Complementary

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



88.2280, -9.4794, -39.6650



69.7720, 9.4794, 39.6650

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.



102.6070, -0.2993, 49.4567



88.2280, -9.4794, -39.6650



103.5850, 26.3336, 0.3640

Square

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



88.2280, -9.4794, -39.6650



84.2290, 35.8761, -73.8688



104.3950, 14.5953, 32.1026



99.9560, -26.6003, 38.6266

Rectangle

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



88.2280, -9.4794, -39.6650



83.2880, 19.5780, -73.0436



104.3950, 14.5953, 32.1026



101.3980, -10.0562, 52.2710

Sweetspot

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



88.2280, -9.4794, -39.6650



139.5760, -3.7350, -15.4142



99.3170, -27.7643, -8.1710



70.2500, -2.5882, -9.8663



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



88.2280, -9.4794, -39.6650



108.3040, -14.9399, -61.6566



92.2180, 5.8085, -43.1642



56.7500, -0.8628, -3.2887



76.6300, -16.0866, -67.2045



157.0100, -33.0359, -137.6978

Inverse Universe

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



69.7720, 9.4794, 39.6650



79.6960, 14.9399, 61.6566



65.7820, -5.8085, 43.1642



55.2500, 0.8628, 3.2888



45.3700, 16.0866, 67.2045



92.9900, 33.0359, 137.6978

Previews

White Background



This preview shows how the YUV color 88.2280, -9.4794, -39.6650 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 88.2280, -9.4794, -39.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

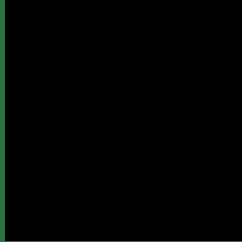
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2280, -9.4794, -39.6650

Background



This preview shows how black text looks on a background with the YUV color 88.2280, -9.4794, -39.6650.



This preview shows how white text looks on a background with the YUV color 88.2280, -9.4794,

-39.6650.

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

88.2280, -9.4794, -39.6650

Protanopia

99.4730, -17.4882, 9.2322

Deuteranopia

101.1410, -13.8735, 16.5393



Tritanopia

94.7770, 11.4489, -32.2534

Trichromacy



Original Color

88.2280, -9.4794, -39.6650

Protanomaly

95.4600, -14.5238, -8.2964

Deuteranomaly

96.7640, -12.2087, -4.1780

Tritanomaly

92.4040, 3.7448, -34.5573

Monochromacy



Original Color

88.2280, -9.4794, -39.6650

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2880, -3.5930, -14.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2280, -9.4794, -39.6650 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(43, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(43, 115, 69)  
}
```

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(43, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 115, 69) }
```

Border

The CSS property to change the border of an element to YUV 88.2280, -9.4794, -39.6650 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(43, 115, 69) }
```


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

```
.border{ border-color:rgb(43, 115, 69) }
```

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

Here you see how a box with a 4 pixel rgb(43, 115, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(43, 115,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 88.2280, -9.4794, -39.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 115, 69) }
```

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

```
.background{ background-color: rgb(43, 115,  
69) }
```

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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