

Converting Colors

YUV(88.8360, -8.3001, -44.5832)

Have a look what the booklet for
YUV(88.8360, -8.3001, -44.5832)
contains.

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Color

**YUV(88.8360, -8.3001,
-44.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	267648
RGB	38, 118, 72
RGB Percent	15%, 46%, 28%
CMY	0.8510, 0.5373, 0.7176
CMYK	0.68, 0.00, 0.39, 0.54
HSL	146°, 51%, 31%
HSV	146°, 68%, 46%
XYZ	8.4475, 13.8368, 8.3564
YIQ	88.8360, -32.9140, -31.2660

Conversions

Conversions Part 2

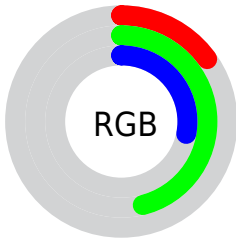
Format	Color
R_{YB}	38, 94, 118
Decimal	2520648
CIE _{Lab}	44.00, -35.48, 18.45
CIE _{LCh}	44, 39.989, 152.522
Yxy	13.8368, 0.2757, 0.4516
Android (android.graphics.Color)	4280710728 (0xFF267648)
YUV	88.8360, -8.3001, -44.5832
Hunter-Lab	37.1979, -24.5598, 12.7191

Details

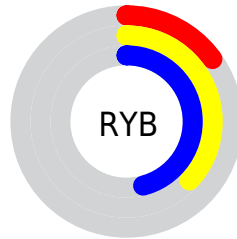
The YUV color **88.8360, -8.3001, -44.5832** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67.1640, 8.3001, 44.5832**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9780, -10.3422, -42.9537**, and **43.5810, -8.1744, -38.2205** is the 20% darker color. If you saturate the color by 10%, you get **84.4500, -9.5888, -51.2606**, and if you desaturate by 10%, it is **93.2220, -7.0114, -37.9057**.

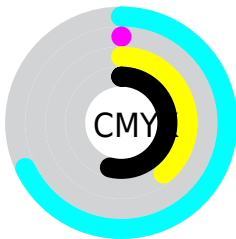
Distribution



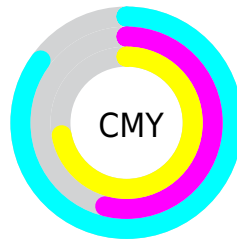
- Red (15%)
- Green (46%)
- Blue (28%)



- Red (15%)
- Yellow (37%)
- Blue (46%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8360, -8.3001, -44.5832 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 88.8360, -8.3001, -44.5832 by changing the saturation by 10% instead.

■ 88.8360, -8.3001,
-44.5832

■ 88.8360, -8.3001,
-44.5832

■ 255.0000, 0.0000,
0.0000

■ 60.1770, -5.5103,
-52.7752

■ 141.9780,
-10.3422, -42.9537

■ 43.5810, -8.1744,
-38.2205

■ 168.8640,
-10.7790, -42.8537

■ 26.7570, -11.7122,
-23.4659

■ 196.9240,
-11.7945, -43.7833

■ 13.5010, -6.6560,
-11.8404

■ 224.9240,
-11.7945, -43.7833

■ 0.0000, 0.0000,
0.0000

■ 236.4880, -3.6916,
-29.3690

■ 248.1230, 3.3904,

-14.1399

■ 88.8360, -8.3001,
-44.5832

■ 88.8360, -8.3001,
-44.5832

■ 84.4500, -9.5888,
-51.2606

■ 93.2220, -7.0114,
-37.9057

■ 80.0640, -10.8776,
-57.9381

■ 97.6080, -5.7227,
-31.2282

■ 76.0910, -11.8769,
-64.1008

■ 101.5810, -4.7234,
-25.0655

■ 74.9660, -12.3082,
-65.7452

■ 105.9670, -3.4347,
-18.3881

■ 110.3530, -2.1460,
-11.7106

■ 114.7390, -0.8573,
-5.0331

■ 119.0110, -0.0054,
1.7444

■ 123.0980, 1.4307,
7.8071

■ 127.4840, 2.7194,
14.4845

Harmonies

Analogous

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



96.5880, -25.4329, -9.2857



88.8360, -8.3001, -44.5832



82.5240, 11.5737, -72.3735

Triad

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



88.8360, -8.3001, -44.5832



94.4480, 37.2471, -46.8739



103.0900, -16.3134, 52.5411

Complementary

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



88.8360, -8.3001, -44.5832



67.1640, 8.3001, 44.5832

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.



104.8030, -0.8889, 51.9158



88.8360, -8.3001, -44.5832



106.0090, 26.6176, 2.6231

Square

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



88.8360, -8.3001, -44.5832



85.9730, 37.4813, -75.3983



106.8900, 13.8582, 35.1765



102.5000, -28.3475, 39.0265

Rectangle

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



88.8360, -8.3001, -44.5832



85.0320, 21.1832, -74.5731



106.8900, 13.8582, 35.1765



103.0670, -11.3720, 54.3152

Sweetspot

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



88.8360, -8.3001, -44.5832



141.6790, -3.2927, -17.2585



99.0130, -30.0794, -12.2894



70.0650, -2.0040, -10.5810



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.



88.8360, -8.3001, -44.5832



107.8300, -12.7342, -69.1339



93.2820, 8.7350, -48.4823



56.7500, -0.8628, -3.2887



77.5420, -12.5922, -68.0043



158.8340, -26.0472, -139.2974

Inverse Universe

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



67.1640, 8.3001, 44.5832



74.1700, 12.7342, 69.1339



62.7180, -8.7350, 48.4823



55.1360, 0.4260, 3.3887



44.4580, 12.5922, 68.0043



91.1660, 26.0472, 139.2974

Previews

White Background



This preview shows how the YUV color 88.8360, -8.3001, -44.5832 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 88.8360, -8.3001, -44.5832 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 88.8360, -8.3001, -44.5832

Background



This preview shows how black text looks on a background with the YUV color 88.8360, -8.3001, -44.5832.



This preview shows how white text looks on a background with the YUV color 88.8360, -8.3001,

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

88.8360, -8.3001, -44.5832

Protanopia

101.7720, -17.6356, 9.8470

Deuteranopia

103.2550, -13.4367, 16.4394



Tritanopia

95.9830, 12.3334, -35.9421

Trichromacy



Original Color

88.8360, -8.3001, -44.5832

Protanomaly

96.8620, -14.2290, -9.5260

Deuteranomaly

97.9810, -11.3296, -6.1223

Tritanomaly

93.3110, 4.7767, -38.8607

Monochromacy



Original Color

88.8360, -8.3001, -44.5832

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0920, -3.0034, -16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8360, -8.3001, -44.5832 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(38, 118, 72)` looks like.

```
.text, #text, p{  
    color:rgb(38, 118, 72)  
}
```

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(38, 118, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 118, 72) }
```

Border

The CSS property to change the border of an element to YUV 88.8360, -8.3001, -44.5832 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(38, 118, 72) }
```


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

```
.border{ border-color:rgb(38, 118, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 118, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 118, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 118, 72);  
box-shadow:4px 4px 4px 4px rgb(38, 118,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 88.8360, -8.3001, -44.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 118, 72) }
```

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

```
.background{ background-color: rgb(38, 118,  
72) }
```

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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