

Converting Colors

YUV(88.6080, -22.4847,
-21.5812)

Have a look what the booklet for
YUV(88.6080, -22.4847, -21.5812)
contains.

YUV(88.6080, -22.4847, -21.5812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.6080, -22.4847,
-21.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	406E2B
RGB	64, 110, 43
RGB Percent	25%, 43%, 17%
CMY	0.7490, 0.5686, 0.8314
CMYK	0.42, 0.00, 0.61, 0.57
HSL	101°, 44%, 30%
HSV	101°, 61%, 43%
XYZ	8.1263, 12.4163, 4.2538
YIQ	88.6080, -5.9090, -30.5890

Conversions

Conversions Part 2

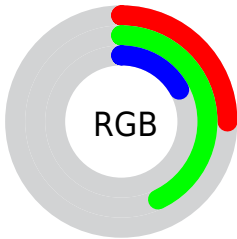
Format	Color
RYB	43, 110, 89
Decimal	4222507
CIELab	41.87, -29.17, 31.91
CIELCh	42, 43.236, 132.429
Yxy	12.4163, 0.3277, 0.5007
Android (android.graphics.Color)	4282412587 (0xFF406E2B)
YUV	88.6080, -22.4847, -21.5812
Hunter-Lab	35.2367, -20.4984, 17.5082

Details

The YUV color **88.6080, -22.4847, -21.5812** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64.3920, 22.4847, 21.5812**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8530, -24.0845, -21.7961**, and **40.2810, -19.8585, -23.9254** is the 20% darker color. If you saturate the color by 10%, you get **84.9620, -26.1103, -25.3997**, and if you desaturate by 10%, it is **92.2540, -18.8592, -17.7628**.

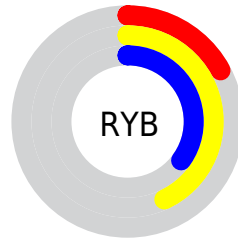
Distribution



Red (25%)

Green (43%)

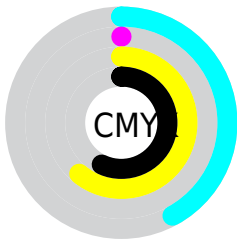
Blue (17%)



Red (17%)

Yellow (43%)

Blue (35%)

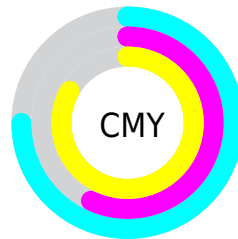


Cyan (42%)

Magenta (0%)

Yellow (61%)

Black (57%)



Cyan (75%)

Magenta (57%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6080, -22.4847, -21.5812 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 88.6080, -22.4847, -21.5812 by changing the saturation by 10% instead.

■ 88.6080, -22.4847,
-21.5812

■ 88.6080, -22.4847,
-21.5812

255.0000, 0.0000,
0.0000

■ 63.7220, -22.0479,
-21.6812

■ 139.8530,
-24.0845, -21.7961

■ 40.2810, -19.8585,
-23.9254

■ 166.6250,
-24.9581, -21.5961

■ 23.4800, -11.5756,
-20.5920

■ 194.0980,
-25.6843, -22.0109

■ 7.6310, -3.7621,
-6.6924

■ 222.2720,
-26.2631, -23.0405

■ 0.0000, 0.0000,
0.0000

■ 239.4180,
-20.9121, -12.6446

■ 251.2810,

-12.9565, 2.3846

254.8860, -0.4368,
0.1000

■ 88.6080, -22.4847,
-21.5812

■ 88.6080, -22.4847,
-21.5812

■ 84.9620, -26.1103,
-25.3997

■ 92.2540, -18.8592,
-17.7628

■ 81.6150, -29.8832,
-28.6034

■ 95.6010, -15.0863,
-14.5591

■ 77.9690, -33.5087,
-32.4218

■ 99.2470, -11.4608,
-10.7406

■ 74.7360, -36.8448,
-35.7255

■ 102.5940, -7.6878,
-7.5369

■ 106.2400, -4.0623,
-3.7185

■ 109.5870, -0.2894,
-0.5148

■ 113.2330, 3.3361,
3.3037

■ 116.5800, 7.1091,
6.5073

■ 120.2260, 10.7346,
10.3258

Harmonies

Analogous

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



93.4780, -35.2387, 9.2278



88.6080, -22.4847, -21.5812



76.1690, -0.0833, -66.8002

Triad

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



88.6080, -22.4847, -21.5812



82.3200, 41.2542, -72.1946



97.4680, -6.1467, 58.3486

Complementary

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



88.6080, -22.4847, -21.5812



64.3920, 22.4847, 21.5812

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.



100.0440, 10.3313, 46.4424



88.6080, -22.4847, -21.5812



94.0200, 36.4721, -31.5895

Square

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



88.6080, -22.4847, -21.5812



83.5620, 30.7819, -73.2839



101.9290, 24.6850, 15.8483



96.5970, -21.9863, 52.0964

Rectangle

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



88.6080, -22.4847, -21.5812



79.6060, 10.5472, -69.8145



101.9290, 24.6850, 15.8483



97.6510, -0.3209, 56.4341

Sweetspot

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



88.6080, -22.4847, -21.5812



134.6540, -8.7034, -8.4666



90.0350, -23.1883, 17.5093



66.3000, -5.0779, -4.6481



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



88.6080, -22.4847, -21.5812



109.6160, -34.8137, -33.8662



83.6970, -14.1476, -35.6913



54.1200, -2.0312, -1.8592



81.8020, -40.3284, -38.4144



168.3110, -82.9773, -79.2027

Inverse Universe

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



64.3920, 22.4847, 21.5812



72.0850, 34.9611, 33.2515



69.3030, 14.1476, 35.6913



51.8800, 2.0312, 1.8592



38.1980, 40.3284, 38.4144



78.9880, 82.8299, 79.8175

Previews

White Background



This preview shows how the YUV color 88.6080, -22.4847, -21.5812 looks on a white background.

Color Contrast Check

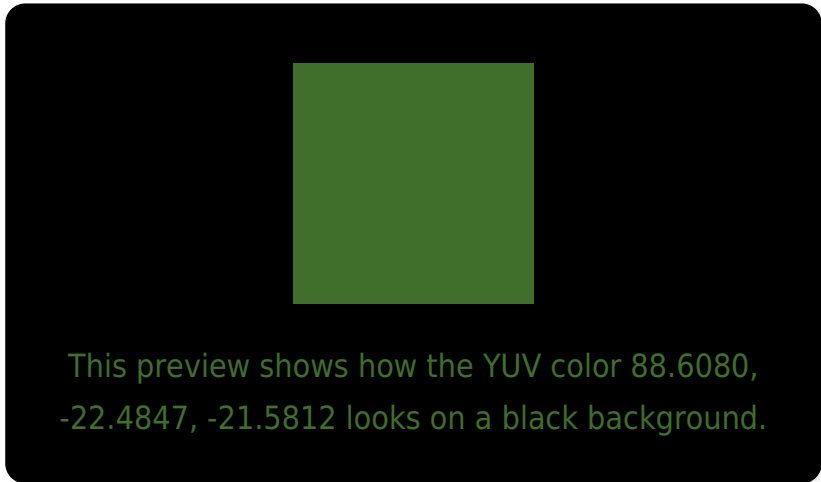
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

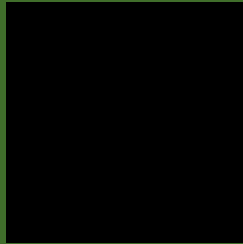
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6080, -22.4847, -21.5812

Background



This preview shows how black text looks on a background with the YUV color 88.6080, -22.4847, -21.5812.



This preview shows how white text looks on a background with the YUV color 88.6080, -22.4847, -21.5812.

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

88.6080, -22.4847, -21.5812

Protanopia

95.5630, -27.3926, 12.6612

Deuteranopia

96.8290, -24.0727, 21.1980



Tritanopia

95.5400, 7.6218, -18.0136

Trichromacy



Original Color

88.6080, -22.4847, -21.5812

Protanomaly

92.9420, -25.6074, 0.0509

Deuteranomaly

93.8440, -23.5871, 5.3988

Tritanomaly

93.2550, -3.5767, -19.5176

Monochromacy



Original Color

88.6080, -22.4847, -21.5812

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0670, -8.4140, -7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6080, -22.4847, -21.5812 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(64, 110, 43)` looks like.

```
.text, #text, p{  
    color:rgb(64, 110, 43)  
}
```

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(64, 110, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 110, 43) }
```

Border

The CSS property to change the border of an element to YUV 88.6080, -22.4847, -21.5812 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(64, 110, 43) }
```


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

```
.border{ border-color:rgb(64, 110, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 110, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 110, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 110, 43);  
box-shadow:4px 4px 4px 4px rgb(64, 110,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 88.6080, -22.4847, -21.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 110, 43) }
```

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

```
.background{ background-color: rgb(64, 110,  
43) }
```

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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