

Converting Colors

YUV(82.8500, 27.6820,
-12.1464)

Have a look what the booklet for
YUV(82.8500, 27.6820, -12.1464)
contains.

YUV(82.8500, 27.6820, -12.1464)	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(82.8500, 27.6820,
-12.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	454F8B
RGB	69, 79, 139
RGB Percent	27%, 31%, 55%
CMY	0.7294, 0.6902, 0.4549
CMYK	0.50, 0.43, 0.00, 0.45
HSL	231°, 34%, 41%
HSV	231°, 50%, 55%
XYZ	9.9104, 8.7213, 25.5871
YIQ	82.8500, -25.2200, 16.5400

Conversions

Conversions Part 2

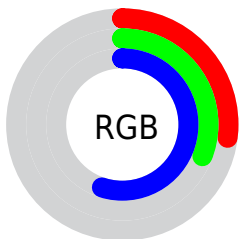
Format	Color
RYB	69, 78, 139
Decimal	4542347
CIELab	35.44, 13.60, -34.73
CIELCh	35, 37.296, 291.391
Yxy	8.7213, 0.2241, 0.1972
Android (android.graphics.Color)	4282732427 (0xFF454F8B)
YUV	82.8500, 27.6820, -12.1464
Hunter-Lab	29.5318, 8.2214, -30.6982

Details

The YUV color **82.8500, 27.6820, -12.1464** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.1500, -27.6819, 12.1465**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3170, 29.4237, -10.8020**, and **33.8660, 26.6881, -20.0535** is the 20% darker color. If you saturate the color by 10%, you get **71.6200, 33.2183, -14.5757**, and if you desaturate by 10%, it is **94.0800, 22.1456, -9.7172**.

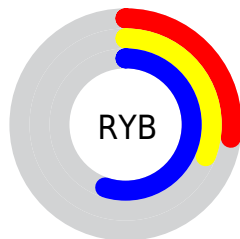
Distribution



Red (27%)

Green (31%)

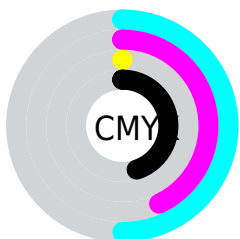
Blue (55%)



Red (27%)

Yellow (31%)

Blue (55%)

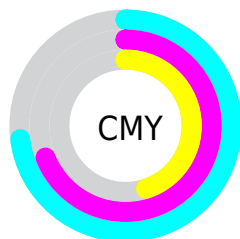


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8500, 27.6820, -12.1464 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 82.8500, 27.6820, -12.1464 by changing the saturation by 10% instead.

■ 82.8500, 27.6820,
-12.1464

■ 82.8500, 27.6820,
-12.1464

■ 255.0000, 0.0000,
0.0000

■ 58.6110, 26.8138,
-13.6908

■ 133.3170, 29.4237,
-10.8020

■ 33.8660, 26.6881,
-20.0535

■ 159.8440, 30.1499,
-10.3872

■ 16.2150, 24.0510,
-14.2206

■ 187.3710, 30.8761,
-9.9724

■ 6.5490, 17.4773,
-5.7435

■ 212.1620, 21.1191,
-7.1581

■ 2.8670, 8.4466,
-2.5144

■ 237.2690, 8.7414,
-3.7439

■ 0.0000, 0.0000,
0.0000

■ 82.8500, 27.6820,
-12.1464

■ 82.8500, 27.6820,
-12.1464

■ 71.6200, 33.2183,
-14.5757

■ 94.0800, 22.1456,
-9.7172

■ 60.3900, 38.7547,
-17.0050

■ 105.3100, 16.6092,
-7.2879

■ 49.1600, 44.2911,
-19.4343

■ 116.5400, 11.0728,
-4.8586

■ 37.9300, 49.8275,
-21.8636

■ 127.7700, 5.5364,
-2.4293

■ 27.5860, 54.9271,
-24.1929


■ 139.0000, 0.0000,
0.0000

■ 149.3440, -5.0996,
2.3293

■ 160.5740,
-10.6360, 4.7586

■ 171.8040,

-16.1724, 7.1879

 183.0340,
-21.7088, 9.6172

Harmonies

Analogous

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



68.4310, 36.2695, -60.0140



82.8500, 27.6820, -12.1464



85.7250, 17.3906, 22.1662

Triad

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



82.8500, 27.6820, -12.1464



81.5200, -21.9484, 39.8860



65.2610, 3.8153, -57.2339

Complementary

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



82.8500, 27.6820, -12.1464



125.1500, -27.6819, 12.1465

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.



72.7520, -14.1747, -26.9695



82.8500, 27.6820, -12.1464



80.6460, -29.8985, 23.1125

Square

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



82.8500, 27.6820, -12.1464



82.4900, -9.6086, 48.6823



77.8990, -27.0652, 0.9656



69.3820, 17.0667, -60.8480

Rectangle

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



82.8500, 27.6820, -12.1464



84.6470, 9.0480, 38.0206



77.8990, -27.0652, 0.9656



64.1210, -0.5527, -56.2341

Sweetspot

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



82.8500, 27.6820, -12.1464



159.4260, 10.6360, -4.7586



116.8160, 5.5137, -41.9346



78.6990, 6.5574, -3.2440



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



82.8500, 27.6820, -12.1464



93.8180, 42.9807, -19.1344



84.1560, 27.0381, 7.7562



63.3850, 2.7682, -1.2146



26.3150, 52.5957, -23.0783



1.1570, 1.8946, -1.0147

Inverse Universe

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



91.0700, -5.9505, 42.0346



106.4150, -9.0786, 65.4110



123.5450, -26.8907, -8.3710



64.2070, -0.5951, 4.2035



41.9330, -11.3060, 79.8658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 82.8500, 27.6820, -12.1464 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 ✓ Pass

Black Background



This preview shows how the YUV color 82.8500, 27.6820, -12.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 82.8500, 27.6820, -12.1464

Background



This preview shows how black text looks on a background with the YUV color 82.8500, 27.6820, -12.1464.



This preview shows how white text looks on a background with the YUV color 82.8500, 27.6820,

-12.1464.

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

82.8500, 27.6820, -12.1464

Protanopia

80.9630, 29.5982, -20.1386

Deuteranopia

79.0930, 29.0412, -28.1456



Tritanopia

79.6320, 8.0694, -21.6023

Trichromacy



Original Color

82.8500, 27.6820, -12.1464

Protanomaly

81.4580, 28.8612, -17.0647

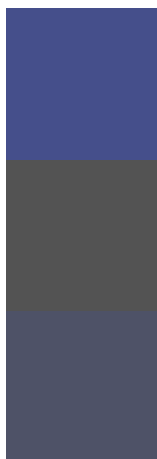
Deuteranomaly

80.3110, 28.4407, -22.1977

Tritanomaly

80.6030, 15.4787, -18.0688

Monochromacy



Original Color

82.8500, 27.6820, -12.1464

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8500, 27.6820, -12.1464 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(69, 79, 139)` looks like.

```
.text, #text, p{  
    color:rgb(69, 79, 139)  
}
```

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(69, 79, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 79, 139) }
```

Border

The CSS property to change the border of an element to YUV 82.8500, 27.6820, -12.1464 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(69, 79, 139) }
```


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

```
.border{ border-color:rgb(69, 79, 139) }
```

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

Here you see how a box with a 4 pixel rgb(69, 79, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 79, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 79, 139);  
box-shadow:4px 4px 4px 4px rgb(69, 79,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 82.8500, 27.6820, -12.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 79, 139) }
```

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

```
.background{ background-color: rgb(69, 79,  
139) }
```

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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