

Converting Colors

YUV(82.8010, 8.4791, -12.9805)

Have a look what the booklet for
YUV(82.8010, 8.4791, -12.9805)
contains.

YUV(82.8010, 8.4791, -12.9805)	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(82.8010, 8.4791,
-12.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	445764
RGB	68, 87, 100
RGB Percent	27%, 34%, 39%
CMY	0.7333, 0.6588, 0.6078
CMYK	0.32, 0.13, 0.00, 0.61
HSL	204°, 19%, 33%
HSV	204°, 32%, 39%
XYZ	8.0923, 8.9654, 13.3606
YIQ	82.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

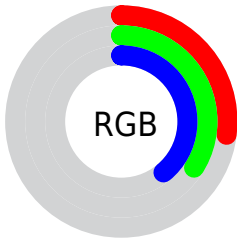
Format	Color
R_{YB}	68, 80, 100
Decimal	4478820
CIE Lab	35.92, -3.82, -9.87
CIE LCh	36, 10.585, 248.842
Yxy	8.9654, 0.2660, 0.2947
Android (android.graphics.Color)	4282668900 (0xFF445764)
YUV	82.8010, 8.4791, -12.9805
Hunter-Lab	29.9423, -4.1569, -5.4962

Details

The YUV color **82.8010, 8.4791, -12.9805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.1990, -8.4791, 12.9805**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6160, 9.0633, -13.6952**, and **37.5730, 7.6055, -12.7805** is the 20% darker color. If you saturate the color by 10%, you get **77.4630, 11.1107, -17.0691**, and if you desaturate by 10%, it is **88.1390, 5.8475, -8.8919**.

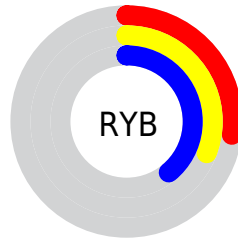
Distribution



Red (27%)

Green (34%)

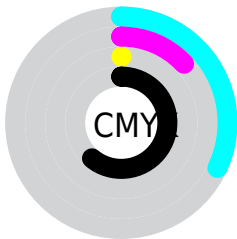
Blue (39%)



Red (27%)

Yellow (31%)

Blue (39%)

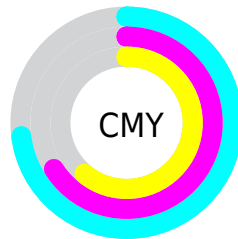


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (66%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8010, 8.4791, -12.9805 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 82.8010, 8.4791, -12.9805 by changing the saturation by 10% instead.

■ 82.8010, 8.4791,
-12.9805

■ 82.8010, 8.4791,
-12.9805

255.0000, 0.0000,
0.0000

■ 59.6870, 8.0423,
-12.8805

■ 132.6160, 9.0633,
-13.6952

■ 37.5730, 7.6055,
-12.7805

■ 158.7300, 9.5001,
-13.7952

■ 16.5620, 7.6109,
-14.5249

■ 185.7300, 9.5001,
-13.7952

■ 0.7980, 3.0576,
-0.6998

■ 213.4310, 9.6475,
-14.4100

■ 0.0000, 0.0000,
0.0000

■ 240.7470, 7.0267,
-13.8101

254.7010, 0.1474,

-0.6148

■ 82.8010, 8.4791,
-12.9805

■ 82.8010, 8.4791,
-12.9805

■ 77.4630, 11.1107,
-17.0691

■ 88.1390, 5.8475,
-8.8919

■ 72.1250, 13.7424,
-21.1576

■ 93.4770, 3.2158,
-4.8033

■ 66.7870, 16.3740,
-25.2462

■ 98.8150, 0.5842,
-0.7148

■ 61.4490, 19.0056,
-29.3348

■ 104.1530, -2.0474,
3.3738

■ 56.1110, 21.6373,
-33.4233

■ 109.4910, -4.6791,
7.4624

■ 50.7730, 24.2689,
-37.5119

■ 114.8290, -7.3107,
11.5510

■ 46.0330, 26.6057,
-40.3709

■ 120.1670, -9.9423,
15.6395

■ 126.0920,
-12.8634, 19.2133

■ 131.4300,
-15.4950, 23.3019

Harmonies

Analogous

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



81.6110, 6.6008, -17.1988



82.8010, 8.4791, -12.9805



84.1440, 8.3100, -5.3883

Triad

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



82.8010, 8.4791, -12.9805



86.2190, -2.0800, 13.8399



82.7840, -5.8095, -3.3186

Complementary

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



82.8010, 8.4791, -12.9805



85.1990, -8.4791, 12.9805

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.



84.2580, -8.0152, 4.1587



82.8010, 8.4791, -12.9805



85.5950, -5.7163, 13.5102

Square

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



82.8010, 8.4791, -12.9805



86.0490, 2.4408, 10.4810



85.0030, -7.8895, 10.5214



82.0650, -2.0040, -10.5810

Rectangle

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



82.8010, 8.4791, -12.9805



85.1340, 6.8359, 0.7595



85.0030, -7.8895, 10.5214



82.9800, -6.3991, -0.8595

Sweetspot

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



82.8010, 8.4791, -12.9805



123.1780, 3.3632, -5.4181



88.2660, -3.5821, -17.7733



61.8470, 2.0474, -3.3738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.8010, 8.4791, -12.9805



103.6090, 13.0108, -19.8281



73.4090, 13.1094, -4.7437



48.3310, 1.3158, -2.0443



53.0260, 30.5532, -46.5038



112.1160, 64.0328, -98.3257

Inverse Universe

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



79.7340, 3.5821, 17.7733



98.9570, 5.4442, 27.2247



94.5910, -13.1094, 4.7437



47.8370, 0.5734, 2.7740



42.1370, 12.7505, 63.9009



88.7740, 27.2264, 134.3792

Previews

White Background



This preview shows how the YUV color 82.8010, 8.4791, -12.9805 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 82.8010, 8.4791, -12.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

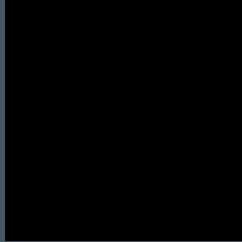
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8010, 8.4791, -12.9805

Background



This preview shows how black text looks on a background with the YUV color 82.8010, 8.4791, -12.9805.



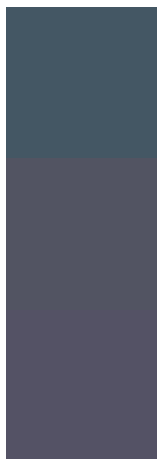
This preview shows how white text looks on a background with the YUV color 82.8010, 8.4791, -12.9805.

-12.9805.

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

82.8010, 8.4791, -12.9805

Protanopia

84.9980, 6.4100, -2.6292

Deuteranopia

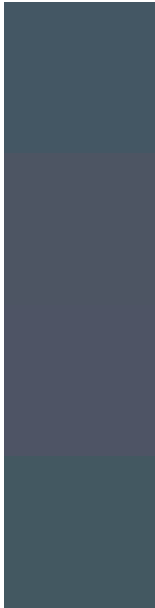
84.7640, 8.0043, -0.6700



Tritanopia

82.5190, 6.1531, -13.6102

Trichromacy



Original Color

82.8010, 8.4791, -12.9805

Protanomaly

84.2040, 7.2944, -6.3179

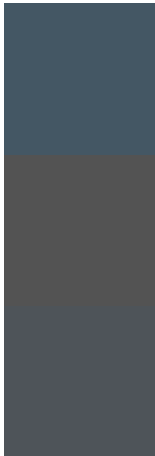
Deuteranomaly

84.1440, 8.3100, -5.3883

Tritanomaly

82.7470, 7.0267, -13.8101

Monochromacy



Original Color

82.8010, 8.4791, -12.9805

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7760, 3.0684, -4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8010, 8.4791, -12.9805 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(68, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(68, 87, 100)  
}
```

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(68, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 87, 100) }
```

Border

The CSS property to change the border of an element to YUV 82.8010, 8.4791, -12.9805 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(68, 87, 100) }
```


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

```
.border{ border-color:rgb(68, 87, 100) }
```

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

Here you see how a box with a 4 pixel rgb(68, 87, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(68, 87,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 82.8010, 8.4791, -12.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 87, 100) }
```

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

```
.background{ background-color: rgb(68, 87,  
100) }
```

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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