

Converting Colors

YUV(82.1570, 5.3456, 12.1403)

Have a look what the booklet for
YUV(82.1570, 5.3456, 12.1403)
contains.

YUV(82.1570, 5.3456, 12.1403)	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(82.1570, 5.3456,
12.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	60495D
RGB	96, 73, 93
RGB Percent	38%, 29%, 36%
CMY	0.6235, 0.7137, 0.6353
CMYK	0.00, 0.24, 0.03, 0.62
HSL	308°, 14%, 33%
HSV	308°, 24%, 38%
XYZ	9.1822, 8.0422, 11.4243
YIQ	82.1570, 7.2880, 11.0960

Conversions

Conversions Part 2

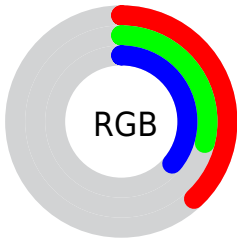
Format	Color
RYB	96, 73, 93
Decimal	6310237
CIELab	34.07, 13.60, -8.00
CIElCh	34, 15.782, 329.533
Yxy	8.0422, 0.3205, 0.2807
Android (android.graphics.Color)	4284500317 (0xFF60495D)
YUV	82.1570, 5.3456, 12.1403
Hunter-Lab	28.3588, 8.1681, -4.0337

Details

The YUV color **82.1570, 5.3456, 12.1403** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.8430, -5.3456, -12.1403**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8690, 5.4876, 13.2699**, and **37.0320, 4.9142, 10.4959** is the 20% darker color. If you saturate the color by 10%, you get **76.1730, 7.8027, 17.3883**, and if you desaturate by 10%, it is **88.1410, 2.8885, 6.8923**.

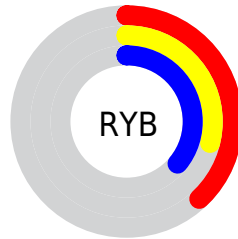
Distribution



Red (38%)

Green (29%)

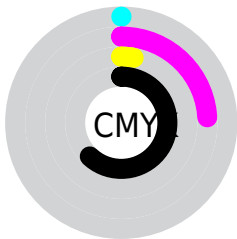
Blue (36%)



Red (38%)

Yellow (29%)

Blue (36%)

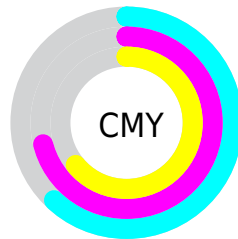


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (62%)



Cyan (62%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1570, 5.3456, 12.1403 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 82.1570, 5.3456, 12.1403 by changing the saturation by 10% instead.

82.1570, 5.3456,
12.1403

82.1570, 5.3456,
12.1403

255.0000, 0.0000,
0.0000

58.7440, 5.0562,
11.6255

131.8690, 5.4876,
13.2699

37.0320, 4.9142,
10.4959

157.9830, 5.9244,
13.1699

14.5700, 5.6350,
12.6551

184.6950, 6.0664,
14.2995

0.0000, 0.0000,
0.0000

212.6950, 6.0664,
14.2995

240.2110, 6.7980,
12.9700

■ 82.1570, 5.3456,
12.1403

■ 82.1570, 5.3456,
12.1403

■ 76.1730, 7.8027,
17.3883

■ 88.1410, 2.8885,
6.8923

■ 70.6620, 9.5336,
22.2214

■ 93.6520, 1.1576,
2.0592

■ 64.6780, 11.9907,
27.4694

■ 99.6360, -1.2995,
-3.1888

■ 59.2810, 14.1585,
32.2026

■ 105.0330, -3.4673,
-7.9219

■ 53.2970, 16.6156,
37.4505

■ 111.0170, -5.9244,
-13.1699

■ 47.1990, 18.6359,
42.7985

■ 117.1150, -7.9447,
-18.5179

■ 41.8020, 20.8036,
47.5316


■ 122.5120,
-10.1124, -23.2510

■ 38.1660, 22.1032,

■ 128.4960,

50.7204

-12.5695, -28.4990

 133.8930,
-14.7372, -33.2322

Harmonies

Analogous

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



81.3450, 10.1829, 0.5744



82.1570, 5.3456, 12.1403



82.0070, -0.4965, 19.2879

Triad

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



82.1570, 5.3456, 12.1403



79.2540, -11.9572, 8.5472



74.1150, 8.8173, -28.1649

Complementary

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



82.1570, 5.3456, 12.1403



86.8430, -5.3456, -12.1403

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.



74.7260, 2.1071, -22.5617



82.1570, 5.3456, 12.1403



78.0570, -9.8881, -1.8040

Square

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



82.1570, 5.3456, 12.1403



80.6510, -10.6739, 16.9691



76.6580, -4.7614, -12.8551



75.7610, 12.4428, -24.3464

Rectangle

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



82.1570, 5.3456, 12.1403



81.5790, -4.7224, 21.4172



76.6580, -4.7614, -12.8551



73.9580, 6.9227, -27.1502

Sweetspot

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



82.1570, 5.3456, 12.1403



119.6030, 2.1677, 4.7332



76.5190, 9.6041, -0.4552



60.9510, 1.0102, 2.6740



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



82.1570, 5.3456, 12.1403



103.2980, 8.2341, 19.0327



80.9030, 0.5408, 13.2401



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.4720, 55.4763, 126.7511

Inverse Universe

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



82.1570, 5.3456, 12.1403



103.2980, 8.2341, 19.0327



88.0970, -0.5408, -13.2401



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.4720, 55.4763, 126.7511

Previews

White Background



This preview shows how the YUV color 82.1570, 5.3456, 12.1403 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 82.1570, 5.3456, 12.1403 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 82.1570, 5.3456, 12.1403

Background



This preview shows how black text looks on a background with the YUV color 82.1570, 5.3456, 12.1403.



This preview shows how white text looks on a background with the YUV color 82.1570, 5.3456, 12.1403.

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

82.1570, 5.3456, 12.1403

Protanopia

80.7420, 8.0152, -4.1587

Deuteranopia

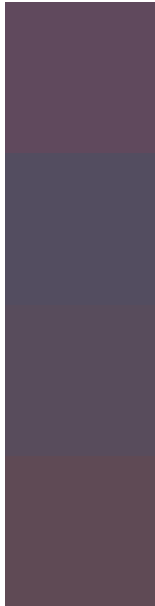
81.0910, 5.3781, 1.6742



Tritanopia

81.3650, -0.1799, 11.0809

Trichromacy



Original Color

82.1570, 5.3456, 12.1403

Protanomaly

80.9600, 7.4147, 1.7891

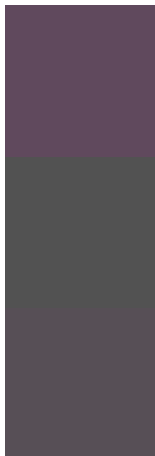
Deuteranomaly

81.4120, 5.2199, 5.7777

Tritanomaly

81.5330, 1.7092, 11.8106

Monochromacy



Original Color

82.1570, 5.3456, 12.1403

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1900, 1.8783, 4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1570, 5.3456, 12.1403 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(96, 73, 93)` looks like.

```
.text, #text, p{  
    color:rgb(96, 73, 93)  
}
```

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(96, 73, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 73, 93) }
```

Border

The CSS property to change the border of an element to YUV 82.1570, 5.3456, 12.1403 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(96, 73, 93) }
```


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

```
.border{ border-color:rgb(96, 73, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 73, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 73, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 73, 93);  
box-shadow:4px 4px 4px 4px rgb(96, 73, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.1570, 5.3456, 12.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 73, 93) }
```

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

```
.background{ background-color: rgb(96, 73,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor