

Converting Colors

YUV(84.1910, 0.3988, 12.1105)

Have a look what the booklet for
YUV(84.1910, 0.3988, 12.1105)
contains.

YUV(84.1910, 0.3988, 12.1105)	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(84.1910, 0.3988,
12.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	624D55
RGB	98, 77, 85
RGB Percent	38%, 30%, 33%
CMY	0.6157, 0.6980, 0.6667
CMYK	0.00, 0.21, 0.13, 0.62
HSL	337°, 12%, 34%
HSV	337°, 21%, 38%
XYZ	9.3306, 8.5603, 9.7549
YIQ	84.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

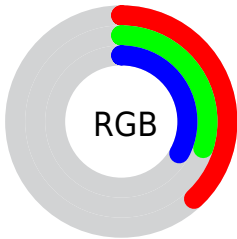
Format	Color
R_{YB}	98, 77, 85
Decimal	6442325
CIE Lab	35.12, 10.29, -1.35
CIE LCh	35, 10.381, 352.540
Yxy	8.5603, 0.3375, 0.3096
Android (android.graphics.Color)	4284632405 (0xFF624D55)
YUV	84.1910, 0.3988, 12.1105
Hunter-Lab	29.2580, 5.7234, 0.7128

Details

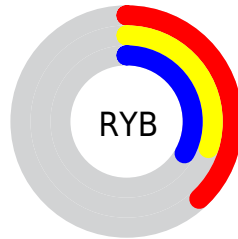
The YUV color **84.1910, 0.3988, 12.1105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.8090, -0.3988, -12.1105**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9030, 0.5408, 13.2401**, and **39.1800, 0.4043, 10.3661** is the 20% darker color. If you saturate the color by 10%, you get **77.6370, 0.6720, 17.8584**, and if you desaturate by 10%, it is **90.7450, 0.1257, 6.3626**.

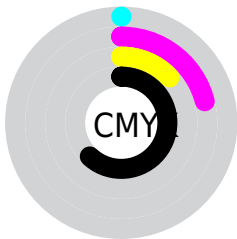
Distribution



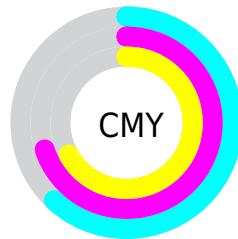
- Red (38%)
- Green (30%)
- Blue (33%)



- Red (38%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1910, 0.3988, 12.1105 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 84.1910, 0.3988, 12.1105 by changing the saturation by 10% instead.

■ 84.1910, 0.3988,
12.1105

■ 84.1910, 0.3988,
12.1105

■ 255.0000, 0.0000,
0.0000

■ 60.8920, 0.5462,
11.4957

■ 133.9030, 0.5408,
13.2401

■ 39.1800, 0.4043,
10.3661

■ 160.2020, 0.3934,
13.8548

■ 18.0060, 0.9830,
11.3957

■ 187.2020, 0.3934,
13.8548

■ 0.0000, 0.0000,
0.0000

■ 214.5010, 0.2460,
14.4696

■ 241.4190, 1.2724,
11.9105

84.1910, 0.3988,
12.1105

84.1910, 0.3988,
12.1105

77.6370, 0.6720,
17.8584

90.7450, 0.1257,
6.3626

71.0830, 0.9451,
23.6062

97.2990, -0.1474,
0.6148

65.1160, 0.9288,
28.8393

103.2660, -0.1311,
-4.6183

58.5620, 1.2019,
34.5871

109.8200, -0.4043,
-10.3661

52.0080, 1.4751,
40.3350

116.3740, -0.6774,
-16.1140

45.4540, 1.7482,
46.0828

122.9280, -0.9505,
-21.8619

38.9000, 2.0213,
51.8307

129.4820, -1.2236,
-27.6097

33.5200, 1.7156,

135.5630, -0.7706,

56.5490

-32.9428

■ 142.1170, -1.0437,
-38.6906

Harmonies

Analogous

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



84.1840, 4.3463, 5.9776



84.1910, 0.3988, 12.1105



83.8770, -3.3904, 14.1399

Triad

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



84.1910, 0.3988, 12.1105



81.4640, -7.1308, 0.4701



80.1490, 7.3215, -15.0397

Complementary

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



84.1910, 0.3988, 12.1105



90.8090, -0.3988, -12.1105

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.



79.4540, 4.7062, -16.1842



84.1910, 0.3988, 12.1105



80.5170, -4.1989, -6.5924

Square

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



84.1910, 0.3988, 12.1105



82.2800, -8.0260, 7.6474



79.6240, 0.1854, -12.8252



81.8230, 8.4683, -9.4918

Rectangle

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



84.1910, 0.3988, 12.1105



83.5950, -5.7163, 13.5102



79.6240, 0.1854, -12.8252



79.9100, 6.4534, -16.5841

Sweetspot

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



84.1910, 0.3988, 12.1105



122.7340, 0.1311, 4.6183



83.2810, 7.2565, 5.8926



60.7230, 0.1366, 2.8739



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.



84.1910, 0.3988, 12.1105



105.6480, 0.6665, 19.6027



84.4530, -3.6743, 11.8807



45.3100, -0.1528, 2.3591



38.3900, 2.2727, 64.5560



82.1340, 4.3709, 138.4485

Inverse Universe

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



84.1910, 0.3988, 12.1105



105.6480, 0.6665, 19.6027



90.5470, 3.6743, -11.8807



45.3100, -0.1528, 2.3591



38.3900, 2.2727, 64.5560



82.1340, 4.3709, 138.4485

Previews

White Background



This preview shows how the YUV color 84.1910, 0.3988, 12.1105 looks on a white background.

Color Contrast Check

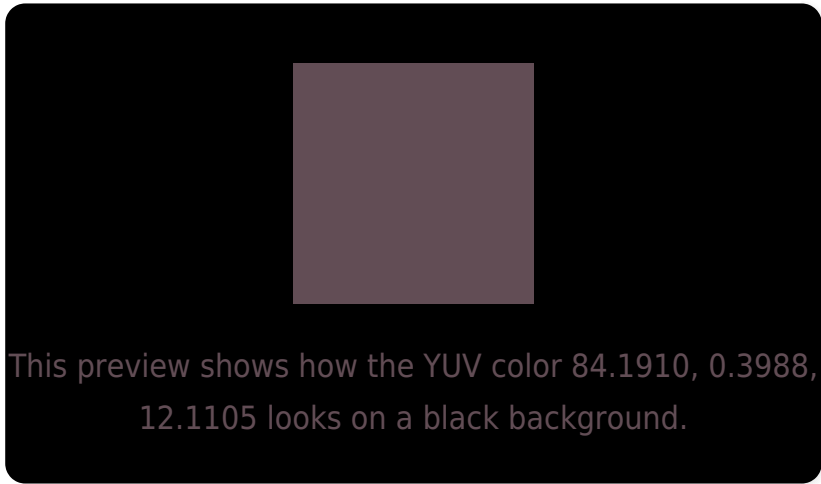
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 84.1910, 0.3988, 12.1105

Background



This preview shows how black text looks on a background with the YUV color 84.1910, 0.3988, 12.1105.

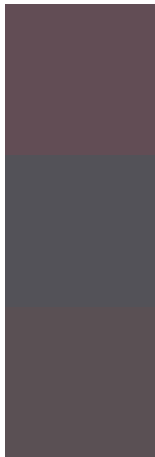


This preview shows how white text looks on a background with the YUV color 84.1910, 0.3988,

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

84.1910, 0.3988, 12.1105

Protanopia

82.9830, 2.4734, 0.0149

Deuteranopia

83.4460, 0.2731, 5.7479



Tritanopia

83.9630, -0.4748, 12.3104

Trichromacy



Original Color

84.1910, 0.3988, 12.1105

Protanomaly

83.1900, 1.8783, 4.2184

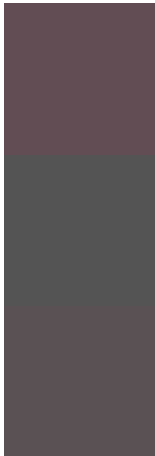
Deuteranomaly

83.7560, 0.1203, 8.1070

Tritanomaly

84.0770, -0.0380, 12.2105

Monochromacy



Original Color

84.1910, 0.3988, 12.1105

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1910, 0.3988, 12.1105 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(98, 77, 85)` looks like.

```
.text, #text, p{  
    color:rgb(98, 77, 85)  
}
```

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(98, 77, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 77, 85) }
```

Border

The CSS property to change the border of an element to YUV 84.1910, 0.3988, 12.1105 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(98, 77, 85) }
```


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

```
.border{ border-color:rgb(98, 77, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 77, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 77, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 77, 85);  
box-shadow:4px 4px 4px 4px rgb(98, 77, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1910, 0.3988, 12.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 77, 85) }
```

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

```
.background{ background-color: rgb(98, 77,  
85) }
```

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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