

Converting Colors

YUV(85.4000, 0.7888, 120.6752)

Have a look what the booklet for
YUV(85.4000, 0.7888, 120.6752)
contains.

YUV(85.4000, 0.7888, 120.6752)	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(85.4000, 0.7888,
120.6752)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0F57
RGB	223, 15, 87
RGB Percent	87%, 6%, 34%
CMY	0.1255, 0.9412, 0.6588
CMYK	0.00, 0.93, 0.61, 0.13
HSL	339°, 87%, 47%
HSV	339°, 93%, 87%
XYZ	32.3225, 16.7177, 10.5401
YIQ	85.4000, 100.8560, 66.4880

Conversions

Conversions Part 2

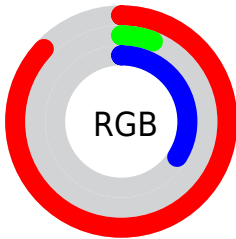
Format	Color
R_{YB}	223, 15, 87
Decimal	14618455
CIE Lab	47.90, 73.56, 18.35
CIE LCh	48, 75.812, 14.004
Yxy	16.7177, 0.5425, 0.2806
Android (android.graphics.Color)	4292808535 (0xFFDF0F57)
YUV	85.4000, 0.7888, 120.6752
Hunter-Lab	40.8873, 69.5563, 13.3371

Details

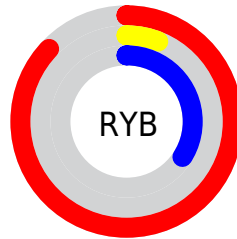
The YUV color **85.4000, 0.7888, 120.6752** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **152.6000, -0.7888, -120.6752**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5140, -5.6764, 94.2652**, and **52.7420, -4.8028, 94.0653** is the 20% darker color. If you saturate the color by 10%, you get **75.4550, 0.7617, 129.3970**, and if you desaturate by 10%, it is **100.0240, 0.9742, 107.8500**.

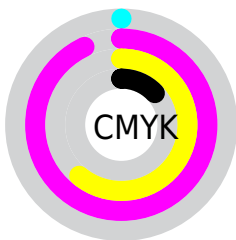
Distribution



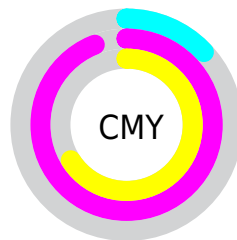
- Red (87%)
- Green (6%)
- Blue (34%)



- Red (87%)
- Yellow (6%)
- Blue (34%)



- Cyan (0%)
- Magenta (93%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4000, 0.7888, 120.6752 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 85.4000, 0.7888, 120.6752 by changing the saturation by 10% instead.


 85.4000, 0.7888,
120.6752


 85.4000, 0.7888,
120.6752


255.0000, 0.0000,
0.0000


 64.4050, -0.1997,
111.0238


 147.5140, -5.6764,
94.2652

 52.7420, -4.8028,
94.0653


 168.0880, -3.0014,
76.2218

 41.1930, -8.9691,
77.0067


 188.7760, 0.1104,
58.0784

 29.5300, -13.5723,
60.0482

 209.5780, 3.6590,
39.8351

 20.6740, -8.7133,
41.5049

 229.9070, 7.9338,
22.0066

 10.5790, -4.7224,
21.4172

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 85.4000, 0.7888,
120.6752

■ 85.4000, 0.7888,
120.6752

■ 75.4550, 0.7617,
129.3970

■ 100.0240, 0.9742,
107.8500

■ 115.1210, 0.4333,
94.6099

■ 129.7450, 0.6187,
81.7846

■ 144.2550, 0.3673,
69.0594

■ 158.8790, 0.5527,
56.2341

■ 173.9760, 0.0118,
42.9940

■ 188.6000, 0.1972,
30.1688

■ 203.2240, 0.3826,
17.3436

■ 218.3210, -0.1583,
4.1035

Harmonies

Analogous

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



98.7770, 25.7459, 95.7886



85.4000, 0.7888, 120.6752



101.1970, -38.5511, 91.9122

Triad

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



85.4000, 0.7888, 120.6752



81.6590, -40.2579, -61.0909



104.0290, 66.0477, -91.2334

Complementary

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



85.4000, 0.7888, 120.6752



152.6000, -0.7888, -120.6752

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.



104.6210, 48.0078, -91.7526



85.4000, 0.7888, 120.6752



90.2570, -7.0287, -79.1554

Square

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



85.4000, 0.7888, 120.6752



103.6290, -51.0891, 6.4644



99.0690, 21.6580, -86.8835



93.1040, 72.4197, -81.6522

Rectangle

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



85.4000, 0.7888, 120.6752



105.7750, -52.1471, 65.9723



99.0690, 21.6580, -86.8835



105.4650, 61.3958, -92.4928

Sweetspot

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



85.4000, 0.7888, 120.6752



207.9650, 0.0173, 41.2497



79.0770, 70.9540, 62.1995



98.8660, 0.0661, 25.5505



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



85.4000, 0.7888, 120.6752



86.2770, 0.8494, 147.9701



95.3890, -39.6318, 111.9148



104.7450, 0.1257, 6.3626



59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Inverse Universe

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



85.4000, 0.7888, 120.6752



86.2770, 0.8494, 147.9701



142.6110, 39.6318, -111.9148



104.7450, 0.1257, 6.3626



59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 85.4000, 0.7888, 120.6752 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



This preview shows how the YUV color 85.4000, 0.7888, 120.6752 looks on a 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 85.4000, 0.7888, 120.6752

Background



This preview shows how black text looks on a background with the YUV color 85.4000, 0.7888, 120.6752.



This preview shows how white text looks on a background with the YUV color 85.4000, 0.7888,

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

85.4000, 0.7888, 120.6752

Protanopia

115.3680, 5.2416, -1.1997

Deuteranopia

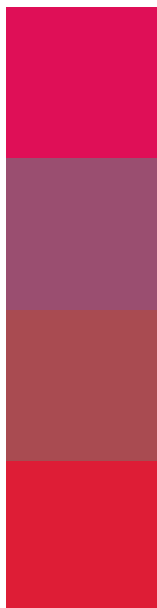
114.7240, -18.1049, 20.4131



Tritanopia

91.7880, -27.9965, 113.3189

Trichromacy



Original Color

85.4000, 0.7888, 120.6752

Protanomaly

104.6000, 3.6482, 43.3238

Deuteranomaly

103.7900, -11.2355, 57.1892

Tritanomaly

89.5570, -17.5296, 116.1525

Monochromacy



Original Color

85.4000, 0.7888, 120.6752

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3890, 0.3012, 43.5088

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4000, 0.7888, 120.6752 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(223, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(223, 15, 87)  
}
```

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(223, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 15, 87) }
```

Border

The CSS property to change the border of an element to YUV 85.4000, 0.7888, 120.6752 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(223, 15, 87) }
```


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

```
.border{ border-color:rgb(223, 15, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 15, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(223, 15,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 85.4000, 0.7888, 120.6752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 15, 87) }
```

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

```
.background{ background-color: rgb(223, 15,  
87) }
```

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