

Converting Colors

YUV(117.5460, -17.5242,
114.4082)

Have a look what the booklet for
YUV(117.5460, -17.5242, 114.4082)
contains.

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Color

**YUV(117.5460, -17.5242,
114.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	F83A52
RGB	248, 58, 82
RGB Percent	97%, 23%, 32%
CMY	0.0275, 0.7725, 0.6784
CMYK	0.00, 0.77, 0.67, 0.03
HSL	352°, 93%, 60%
HSV	352°, 77%, 97%
XYZ	41.7474, 23.5918, 10.3360
YIQ	117.5460, 105.5360, 47.7440

Conversions

Conversions Part 2

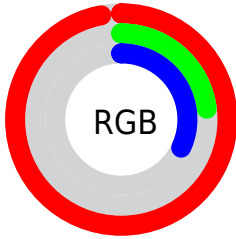
Format	Color
R_{YB}	248, 58, 82
Decimal	16267858
CIE _{Lab}	55.68, 71.12, 32.35
CIE _{LCh}	56, 78.132, 24.456
Yxy	23.5918, 0.5517, 0.3118
Android (android.graphics.Color)	4294457938 (0xFFFF83A52)
YUV	117.5460, -17.5242, 114.4082
Hunter-Lab	48.5714, 68.4222, 21.3831

Details

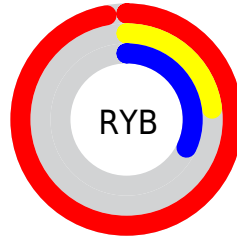
The YUV color **117.5460, -17.5242, 114.4082** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **188.4540, 17.5242, -114.4082**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2060, -15.3846, 81.3803**, and **59.3480, -10.5246, 109.3198** is the 20% darker color. If you saturate the color by 10%, you get **100.3630, -19.8990, 129.4776**, and if you desaturate by 10%, it is **134.7290, -15.1494, 99.3387**.

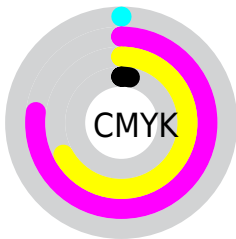
Distribution



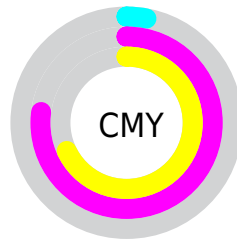
- Red (97%)
- Green (23%)
- Blue (32%)



- Red (97%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (3%)



- Cyan (3%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5460, -17.5242, 114.4082 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 117.5460, -17.5242, 114.4082 by changing the saturation by 10% instead.

■ 117.5460,
-17.5242, 114.4082

■ 117.5460,
-17.5242, 114.4082

255.0000, 0.0000,
0.0000

■ 76.0060, -8.3840,
122.7747

■ 162.2060,
-15.3846, 81.3803

■ 59.3480, -10.5246,
109.3198

■ 182.1930,
-12.4201, 63.8517

■ 47.5000, -14.5435,
91.6465

■ 202.8810, -9.3083,
45.7084

■ 35.8800, -17.6888,
73.7732

■ 223.0960, -5.4703,
27.9798

■ 26.8390, -12.2456,
54.5152

■ 243.8980, -1.9217,
9.7365

■ 17.8690, -7.8234,
36.0719

■ 6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 117.5460,
-17.5242, 114.4082

■ 117.5460,
-17.5242, 114.4082

■ 100.3630,
-19.8990, 129.4776

■ 134.7290,
-15.1494, 99.3387

■ 83.2940, -21.8369,
144.4472

■ 151.7980,
-13.2114, 84.3692

■ 77.6860, -23.0162,
149.3654

■ 168.3940,
-10.5472, 69.8145

■ 185.5770, -8.1725,
54.7450

■ 202.6460, -6.2345,
39.7755

219.8290, -3.8597,
24.7060

237.0120, -1.4849,
9.6365

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



118.4170, 15.0774, 111.0133



117.5460, -17.5242, 114.4082



122.8160, -57.5903, 85.2304

Triad

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



117.5460, -17.5242, 114.4082



97.4030, -25.3417, -85.4224



114.7720, 69.1324, -100.6550

Complementary

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



117.5460, -17.5242, 114.4082



188.4540, 17.5242, -114.4082

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.



121.1490, 60.5655, -106.2477



117.5460, -17.5242, 114.4082



108.5460, 4.6608, -95.1948

Square

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



117.5460, -17.5242, 114.4082



117.9940, -58.1710, -8.7647



117.1130, 34.9473, -102.7081



128.8010, 62.2161, -28.7665

Rectangle

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



117.5460, -17.5242, 114.4082



125.4890, -61.8661, 56.5761



117.1130, 34.9473, -102.7081



117.7070, 67.6854, -103.2290

Sweetspot

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



117.5460, -17.5242, 114.4082



214.5530, -5.2026, 35.4720



128.9950, 58.6695, 82.4424



103.2200, -3.5595, 21.7321



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.



117.5460, -17.5242, 114.4082



93.6850, -21.5367, 141.4733



155.9000, -48.2647, 80.7717



116.1150, -1.0427, 7.7921



59.2470, -17.3768, 113.7934



19.1510, -5.4974, 36.7016

Inverse Universe

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



117.5460, -17.5242, 114.4082



93.6850, -21.5367, 141.4733



150.1000, 48.2647, -80.7717



116.1150, -1.0427, 7.7921



59.2470, -17.3768, 113.7934



19.1510, -5.4974, 36.7016

Previews

White Background



This preview shows how the YUV color 117.5460, -17.5242, 114.4082 looks on a white background.

Color Contrast Check

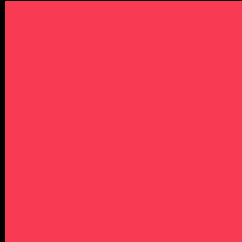
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.5460, -17.5242, 114.4082 looks on a black 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

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

YUV 117.5460, -17.5242, 114.4082 Background



This preview shows how black text looks on a background with the YUV color 117.5460, -17.5242, 114.4082.



This preview shows how white text looks on a background with the YUV color 117.5460, -17.5242, 114.4082.

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

117.5460, -17.5242, 114.4082

Protanopia

132.8840, -10.7888, 7.1177

Deuteranopia

131.7930, -29.4779, 28.2455



Tritanopia

117.4290, -26.8335, 113.6338

Trichromacy



Original Color

117.5460, -17.5242, 114.4082

Protanomaly

127.4420, -13.5289, 46.0934

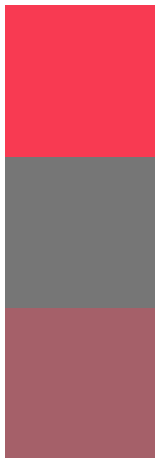
Deuteranomaly

126.8430, -25.0656, 59.7737

Tritanomaly

117.6400, -23.4865, 113.4487

Monochromacy



Original Color

117.5460, -17.5242, 114.4082

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.6570, -6.2399, 41.5198

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5460, -17.5242, 114.4082 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(248, 58, 82)` looks like.

```
.text, #text, p{  
    color:rgb(248, 58, 82)  
}
```

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(248, 58, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 58, 82) }
```

Border

The CSS property to change the border of an element to YUV 117.5460, -17.5242, 114.4082 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(248, 58, 82) }
```


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

```
.border{ border-color:rgb(248, 58, 82) }
```

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

Here you see how a box with a 4 pixel rgb(248, 58, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 58, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 58, 82);  
box-shadow:4px 4px 4px 4px rgb(248, 58,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 117.5460, -17.5242, 114.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 58, 82) }
```

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

```
.background{ background-color: rgb(248, 58,  
82) }
```

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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