

Converting Colors

YUV(121.5500, -17.0331,
96.8646)

Have a look what the booklet for
YUV(121.5500, -17.0331, 96.8646)
contains.

YUV(121.5500, -17.0331, 96.8646)	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(121.5500, -17.0331,
96.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	E84857
RGB	232, 72, 87
RGB Percent	91%, 28%, 34%
CMY	0.0902, 0.7176, 0.6588
CMYK	0.00, 0.69, 0.62, 0.09
HSL	354°, 78%, 60%
HSV	354°, 69%, 91%
XYZ	37.3164, 22.4787, 11.3888
YIQ	121.5500, 90.5450, 38.5850

Conversions

Conversions Part 2

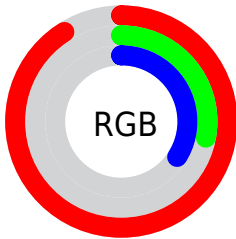
Format	Color
R_{YB}	232, 72, 87
Decimal	15222871
CIE _{Lab}	54.53, 62.11, 27.37
CIE _{LCh}	55, 67.871, 23.785
Yxy	22.4787, 0.5242, 0.3158
Android (android.graphics.Color)	4293412951 (0xFFE84857)
YUV	121.5500, -17.0331, 96.8646
Hunter-Lab	47.4117, 57.5219, 18.9460

Details

The YUV color **121.5500, -17.0331, 96.8646** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **182.4500, 17.0332, -96.8646**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1730, -15.3683, 76.1473**, and **55.3190, -6.5663, 99.6982** is the 20% darker color. If you saturate the color by 10%, you get **105.6550, -19.5499, 110.8046**, and if you desaturate by 10%, it is **137.4450, -14.5164, 82.9247**.

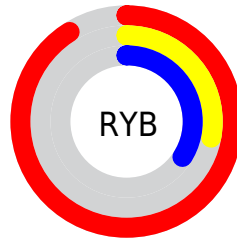
Distribution



Red (91%)

Green (28%)

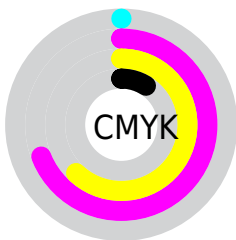
Blue (34%)



Red (91%)

Yellow (28%)

Blue (34%)

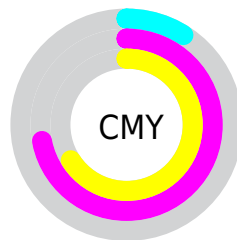


Cyan (0%)

Magenta (69%)

Yellow (62%)

Black (9%)



Cyan (9%)


Magenta (72%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.5500, -17.0331, 96.8646 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 121.5500, -17.0331, 96.8646 by changing the saturation by 10% instead.


 121.5500,
-17.0331, 96.8646


 121.5500,
-17.0331, 96.8646


255.0000, 0.0000,
0.0000


 90.8750, -13.2494,
96.5796


 168.1730,
-15.3683, 76.1473


 55.3190, -6.5663,
99.6982


 187.5730,
-12.1145, 59.1335


 44.0690, -10.8800,
83.2545


 207.6740, -8.7133,
41.5049

 32.2920, -15.9200,
66.3959

 227.8890, -4.8753,
23.7763

 23.4360, -11.0609,
47.8526

 248.6910, -1.3267,
5.5330

 14.8790, -6.3493,
29.9241

 0.0000, 0.0000,

0.0000

■ 121.5500,
-17.0331, 96.8646

■ 121.5500,
-17.0331, 96.8646

■ 105.6550,
-19.5499, 110.8046

■ 137.4450,
-14.5164, 82.9247

■ 89.7600, -22.0667,
124.7445

■ 153.3400,
-11.9996, 68.9848

■ 73.2780, -24.2941,
139.1992

■ 169.8220, -9.7722,
54.5301

■ 71.8760, -24.5889,
140.4287

■ 185.7170, -7.2555,
40.5902

■ 201.6120, -4.7387,
26.6503

■ 217.5070, -2.2220,
12.7104

■ 233.4020, 0.2948,
-1.2296

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



124.0310, 10.3377, 91.1808



121.5500, -17.0331, 96.8646



123.6650, -45.1908, 74.8388

Triad

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



121.5500, -17.0331, 96.8646



94.9070, -19.6742, -83.2334



111.0390, 67.5218, -97.3812

Complementary

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



121.5500, -17.0331, 96.8646



182.4500, 17.0332, -96.8646

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.



115.4610, 54.0027, -101.2593



121.5500, -17.0331, 96.8646



104.7960, 5.5236, -91.9061

Square

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



121.5500, -17.0331, 96.8646



116.2550, -57.3137, -3.7316



112.2230, 31.4421, -98.4196



127.8850, 54.7797, -23.5781

Rectangle

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



121.5500, -17.0331, 96.8646



122.8090, -60.5448, 52.7875



112.2230, 31.4421, -98.4196



113.5180, 64.3276, -99.5553

Sweetspot

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



121.5500, -17.0331, 96.8646



217.7160, -5.7760, 32.6981



133.2960, 48.6611, 72.5314



105.9100, -3.4066, 19.3729



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.



121.5500, -17.0331, 96.8646



108.6680, -22.5143, 128.3332



157.4080, -42.1061, 65.4172



106.7020, -1.3321, 7.2773



55.4590, -18.9603, 108.3455



15.8190, -5.3338, 30.8537

Inverse Universe

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



121.5500, -17.0331, 96.8646



108.6680, -22.5143, 128.3332



146.5920, 42.1061, -65.4172



106.7020, -1.3321, 7.2773



55.4590, -18.9603, 108.3455



15.8190, -5.3338, 30.8537

Previews

White Background



This preview shows how the YUV color 121.5500, -17.0331, 96.8646 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 121.5500, -17.0331, 96.8646 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 121.5500, -17.0331, 96.8646

Background



This preview shows how black text looks on a background with the YUV color 121.5500, -17.0331, 96.8646.



This preview shows how white text looks on a background with the YUV color 121.5500, -17.0331, 96.8646.

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

121.5500, -17.0331, 96.8646

Protanopia

130.9270, -9.3310, 6.2030

Deuteranopia

129.9220, -25.1045, 25.5014



Tritanopia

121.5840, -21.9799, 96.8348

Trichromacy



Original Color

121.5500, -17.0331, 96.8646

Protanomaly

127.7400, -12.1968, 38.8160

Deuteranomaly

127.1840, -22.2757, 51.5816

Tritanomaly

121.4530, -19.9433, 96.9497

Monochromacy



Original Color

121.5500, -17.0331, 96.8646

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9120, -6.3656, 35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5500, -17.0331, 96.8646 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(232, 72, 87)` looks like.

```
.text, #text, p{  
    color:rgb(232, 72, 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(232, 72, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 72, 87) }
```

Border

The CSS property to change the border of an element to YUV 121.5500, -17.0331, 96.8646 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(232, 72, 87) }
```


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

```
.border{ border-color:rgb(232, 72, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 72, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 72, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 72, 87);  
box-shadow:4px 4px 4px 4px rgb(232, 72,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 121.5500, -17.0331, 96.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 72, 87) }
```

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

```
.background{ background-color: rgb(232, 72,  
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](#).

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