

Converting Colors

YUV(121.2340, -17.8634,
83.1098)

Have a look what the booklet for
YUV(121.2340, -17.8634, 83.1098)
contains.

YUV(121.2340, -17.8634, 83.1098)	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(121.2340, -17.8634,
83.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	D85055
RGB	216, 80, 85
RGB Percent	85%, 31%, 33%
CMY	0.1529, 0.6863, 0.6667
CMYK	0.00, 0.63, 0.61, 0.15
HSL	358°, 64%, 58%
HSV	358°, 63%, 85%
XYZ	32.8273, 20.9921, 10.9160
YIQ	121.2340, 79.4510, 30.3870

Conversions

Conversions Part 2

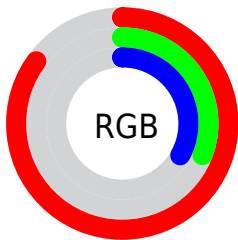
Format	Color
RYB	216, 80, 85
Decimal	14176341
CIELab	52.94, 53.65, 25.95
CIELCh	53, 59.596, 25.816
Yxy	20.9921, 0.5071, 0.3243
Android (android.graphics.Color)	4292366421 (0xFFD85055)
YUV	121.2340, -17.8634, 83.1098
Hunter-Lab	45.8172, 47.7123, 17.9461

Details

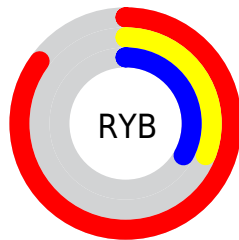
The YUV color **121.2340, -17.8634, 83.1098** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **174.7660, 17.8634, -83.1098**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8800, -17.6888, 73.7732**, and **60.8840, -10.2958, 82.5397** is the 20% darker color. If you saturate the color by 10%, you get **105.9260, -20.6695, 96.5349**, and if you desaturate by 10%, it is **136.5420, -15.0572, 69.6847**.

Distribution



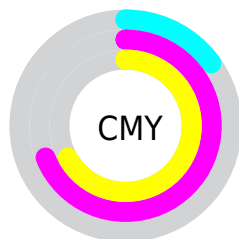
- Red (85%)
- Green (31%)
- Blue (33%)



- Red (85%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (63%)
- Yellow (61%)
- Black (15%)





- Cyan (15%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.2340, -17.8634, 83.1098 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 121.2340, -17.8634, 83.1098 by changing the saturation by 10% instead.


 121.2340,
-17.8634, 83.1098


 121.2340,
-17.8634, 83.1098


255.0000, 0.0000,
0.0000

 92.9070, -15.2372,
80.7656


 170.8800,
-17.6888, 73.7732


 60.8840, -10.2958,
82.5397


 190.2800,
-14.4350, 56.7594

 39.6550, -9.6899,
74.8476


 209.7940,
-10.7444, 39.6457

 28.7040, -14.1511,
59.0186

 230.0090, -6.9064,
21.9171

 20.1470, -9.4395,
41.0901

 250.2240, -3.0684,
4.1886

 11.1770, -5.0173,
22.6468

 0.0000, 0.0000,

0.0000

■ 121.2340,
-17.8634, 83.1098

■ 121.2340,
-17.8634, 83.1098

■ 105.9260,
-20.6695, 96.5349

■ 136.5420,
-15.0572, 69.6847

■ 91.2050, -23.7651,
109.4452

■ 151.2630,
-11.9617, 56.7743

■ 76.0110, -26.1344,
122.7704

■ 166.4570, -9.5923,
43.4492

■ 65.4960, -28.3455,
131.9920

■ 181.1780, -6.4968,
30.5389

■ 196.4860, -3.6906,
17.1138

■ 211.7940, -0.8844,
3.6887

■ 226.5150, 2.2111,
-9.2217

■ 241.7090, 4.5805,
-22.5468

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



123.2160, 6.3025, 78.7406



121.2340, -17.8634, 83.1098



122.1520, -40.5009, 63.8877

Triad

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



121.2340, -17.8634, 83.1098



100.2990, -17.4024, -65.1602



105.3510, 60.9590, -92.3928

Complementary

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



121.2340, -17.8634, 83.1098



174.7660, 17.8634, -83.1098

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.



109.7560, 49.9133, -96.2560



121.2340, -17.8634, 83.1098



101.3880, 7.6967, -88.9173

Square

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



121.2340, -17.8634, 83.1098



114.6490, -48.1410, -5.8312



107.4300, 30.8470, -94.2161



126.2470, 45.7272, -13.3716

Rectangle

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



121.2340, -17.8634, 83.1098



119.6600, -54.5554, 45.0252



107.4300, 30.8470, -94.2161



107.3570, 58.4910, -94.1521

Sweetspot

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



121.2340, -17.8634, 83.1098



221.4660, -6.6387, 29.4093



134.0750, 40.3890, 65.7092



107.0840, -3.9854, 18.3433



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.



121.2340, -17.8634, 83.1098



119.8040, -25.5394, 118.5669



156.4710, -37.7002, 52.2069



99.4030, -1.1847, 6.6626



51.8130, -22.5858, 104.5270



13.0850, -5.4649, 26.2355

Inverse Universe

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



121.2340, -17.8634, 83.1098



119.8040, -25.5394, 118.5669



139.5290, 37.7002, -52.2069



99.4030, -1.1847, 6.6626



51.8130, -22.5858, 104.5270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 121.2340, -17.8634, 83.1098 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 121.2340, -17.8634, 83.1098 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 121.2340, -17.8634, 83.1098

Background



This preview shows how black text looks on a background with the YUV color 121.2340, -17.8634, 83.1098.



This preview shows how white text looks on a background with the YUV color 121.2340, -17.8634, 83.1098.

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

121.2340, -17.8634, 83.1098

Protanopia

126.5850, -10.6414, 6.5030

Deuteranopia

125.9650, -23.6467, 24.5867



Tritanopia

121.2340, -17.8634, 83.1098

Trichromacy



Original Color

121.2340, -17.8634, 83.1098

Protanomaly

124.7780, -13.2016, 34.3977

Deuteranomaly

124.3790, -21.3858, 46.1486

Tritanomaly

121.2340, -17.8634, 83.1098

Monochromacy



Original Color

121.2340, -17.8634, 83.1098

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1780, -6.4968, 30.5389

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2340, -17.8634, 83.1098 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(216, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(216, 80, 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(216, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 80, 85) }
```

Border

The CSS property to change the border of an element to YUV 121.2340, -17.8634, 83.1098 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(216, 80, 85) }
```


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

```
.border{ border-color:rgb(216, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(216, 80,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 121.2340, -17.8634, 83.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 80, 85) }
```

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

```
.background{ background-color: rgb(216, 80,  
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](#).

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