

Converting Colors

YUV(103.5860, -4.7259,
116.1271)

Have a look what the booklet for
YUV(103.5860, -4.7259, 116.1271)
contains.

| | |
|--|----|
| YUV(103.5860, -4.7259, 116.1271) | 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(103.5860, -4.7259,
116.1271)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | EC265E |
| RGB | 236, 38, 94 |
| RGB Percent | 93%, 15%, 37% |
| CMY | 0.0745, 0.8510, 0.6314 |
| CMYK | 0.00, 0.84, 0.60, 0.07 |
| HSL | 343°, 84%, 54% |
| HSV | 343°, 84%, 93% |
| XYZ | 37.3056, 20.0272, 12.4891 |
| YIQ | 103.5860, 100.0320, 59.3920 |

Conversions

Conversions Part 2

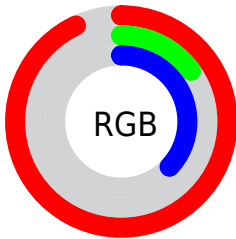
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 236, 38, 94 |
| Decimal | 15476318 |
| CIE _{Lab} | 51.87, 73.55, 19.84 |
| CIE _{LCh} | 52, 76.179, 15.095 |
| Yxy | 20.0272, 0.5343, 0.2868 |
| Android (android.graphics.Color) | 4293666398 (0xFFEC265E) |
| YUV | 103.5860, -4.7259, 116.1271 |
| Hunter-Lab | 44.7518, 70.4837, 14.7799 |

Details

The YUV color **103.5860, -4.7259, 116.1271** 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 **170.4140, 4.7259, -116.1271**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4700, -5.6547, 87.2878**, and **57.3130, -4.0983, 101.4575** is the 20% darker color. If you saturate the color by 10%, you get **87.5600, -5.2061, 130.1819**, and if you desaturate by 10%, it is **119.6120, -4.2457, 102.0723**.

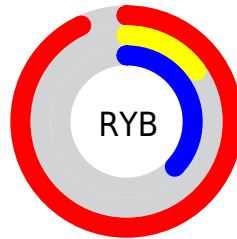
Distribution



Red (93%)

Green (15%)

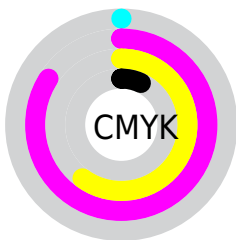
Blue (37%)



Red (93%)

Yellow (15%)

Blue (37%)

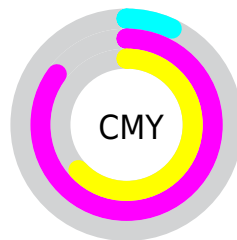


Cyan (0%)

Magenta (84%)

Yellow (60%)

Black (7%)



Cyan (7%)

Magenta (85%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5860, -4.7259, 116.1271 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 103.5860, -4.7259, 116.1271 by changing the saturation by 10% instead.


 103.5860, -4.7259,
116.1271


 103.5860, -4.7259,
116.1271


255.0000, 0.0000,
0.0000

 69.0900, 0.9416,
118.3161


 155.4700, -5.6547,
87.2878

 57.3130, -4.0983,
101.4575


 176.0440, -2.9797,
69.2444

 45.4650, -8.1172,
83.7842


 196.2590, 0.8583,
51.5159

 33.4170, -15.4886,
68.0403

 216.9470, 3.9701,
33.3725

 24.2620, -10.4822,
48.8822

 237.8630, 7.9555,
15.0291

 14.8790, -6.3493,
29.9241

 0.0000, 0.0000,

0.0000

■ 103.5860, -4.7259,
116.1271

■ 103.5860, -4.7259,
116.1271

■ 87.5600, -5.2061,
130.1819

■ 119.6120, -4.2457,
102.0723

■ 78.2020, -5.5226,
138.3888


■ 135.0510, -3.4761,
88.5323


■ 151.0770, -2.9960,
74.4775


■ 166.5160, -2.2264,
60.9375

■ 182.5420, -1.7462,
46.8827

■ 198.5680, -1.2660,
32.8279

 213.8930, -0.9332,
19.3878

 229.9190, -0.4531,
5.3330

 245.3580, 0.3165,
-8.2070

Harmonies

Analogous

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



112.0930, 23.1252, 96.3884



103.5860, -4.7259, 116.1271



112.6270, -40.7351, 92.4121

Triad

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



103.5860, -4.7259, 116.1271



92.4590, -43.6103, -59.1615



111.3810, 68.8322, -97.6811

Complementary

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



103.5860, -4.7259, 116.1271



170.4140, 4.7259, -116.1271

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.



112.6740, 50.9397, -98.8151



103.5860, -4.7259, 116.1271



98.0820, -4.9704, -86.0179

Square

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



103.5860, -4.7259, 116.1271



112.7770, -55.5991, 6.3346



107.0080, 24.1531, -93.8460



99.6410, 74.6200, -87.3852

Rectangle

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



103.5860, -4.7259, 116.1271



115.5210, -56.9519, 67.0721



107.0080, 24.1531, -93.8460



112.8170, 64.1802, -98.9405

Sweetspot

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



103.5860, -4.7259, 116.1271



212.1880, -1.5717, 37.5461



103.0300, 65.5542, 67.5027



101.9150, -0.9441, 22.8765



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.



103.5860, -4.7259, 116.1271



84.4530, -6.1393, 149.5697



122.4430, -41.6304, 99.5895



109.6310, -0.3111, 6.4626



59.9330, -4.4040, 106.1758



17.8560, -1.4080, 31.6983

Inverse Universe

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



103.5860, -4.7259, 116.1271



84.4530, -6.1393, 149.5697



151.5570, 41.6304, -99.5895



109.6310, -0.3111, 6.4626



59.9330, -4.4040, 106.1758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 103.5860, -4.7259, 116.1271 looks on a white background.

Color Contrast Check

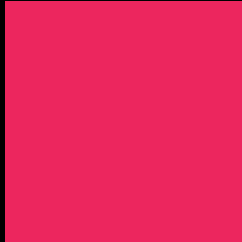
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5860, -4.7259, 116.1271 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 103.5860, -4.7259, 116.1271

Background



This preview shows how black text looks on a background with the YUV color 103.5860, -4.7259, 116.1271.



This preview shows how white text looks on a background with the YUV color 103.5860, -4.7259,

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

103.5860, -4.7259, 116.1271

Protanopia

124.9120, 3.4944, -0.7998

Deuteranopia

123.9800, -19.7101, 21.9425



Tritanopia

105.0160, -27.1229, 113.1190

Trichromacy



Original Color

103.5860, -4.7259, 116.1271

Protanomaly

117.3780, 0.3066, 41.7645

Deuteranomaly

116.9810, -14.2876, 56.1447

Tritanomaly

104.7910, -19.1240, 114.1933

Monochromacy



Original Color

103.5860, -4.7259, 116.1271

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8080, -1.8773, 42.2644

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5860, -4.7259, 116.1271 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(236, 38, 94)` looks like.

```
.text, #text, p{  
    color:rgb(236, 38, 94)  
}
```

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(236, 38, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 38, 94) }
```

Border

The CSS property to change the border of an element to YUV 103.5860, -4.7259, 116.1271 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(236, 38, 94) }
```


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

```
.border{ border-color:rgb(236, 38, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 38, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 38, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 38, 94);  
box-shadow:4px 4px 4px 4px rgb(236, 38,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 103.5860, -4.7259, 116.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 38, 94) }
```

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

```
.background{ background-color: rgb(236, 38,  
94) }
```

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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