

Converting Colors

YUV(116.9590, -20.6858,
101.7680)

Have a look what the booklet for
YUV(116.9590, -20.6858, 101.7680)
contains.

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Color

**YUV(116.9590, -20.6858,
101.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	E9424B
RGB	233, 66, 75
RGB Percent	91%, 26%, 29%
CMY	0.0863, 0.7412, 0.7059
CMYK	0.00, 0.72, 0.68, 0.09
HSL	357°, 79%, 59%
HSV	357°, 72%, 91%
XYZ	36.8225, 21.7281, 8.9098
YIQ	116.9590, 96.6430, 38.2030

Conversions

Conversions Part 2

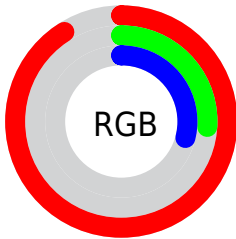
Format	Color
R_{YB}	233, 66, 75
Decimal	15286859
CIE Lab	53.74, 63.91, 33.41
CIE LCh	54, 72.111, 27.599
Yxy	21.7281, 0.5458, 0.3221
Android (android.graphics.Color)	4293476939 (0xFFE9424B)
YUV	116.9590, -20.6858, 101.7680
Hunter-Lab	46.6134, 59.4336, 21.2965

Details

The YUV color **116.9590, -20.6858, 101.7680** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **182.0410, 20.6858, -101.7680**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7560, -19.5997, 80.0210**, and **54.3640, -11.5185, 101.4128** is the 20% darker color. If you saturate the color by 10%, you get **100.9500, -23.6394, 115.8079**, and if you desaturate by 10%, it is **132.9680, -17.7322, 87.7281**.

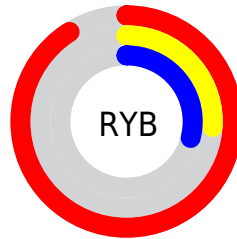
Distribution



Red (91%)

Green (26%)

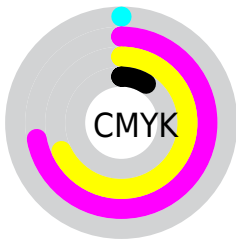
Blue (29%)



Red (91%)

Yellow (26%)

Blue (29%)

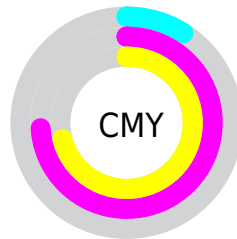


Cyan (0%)

Magenta (72%)

Yellow (68%)

Black (9%)



Cyan (9%)


Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.9590, -20.6858, 101.7680 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 116.9590, -20.6858, 101.7680 by changing the saturation by 10% instead.


 116.9590,
-20.6858, 101.7680


 116.9590,
-20.6858, 101.7680


255.0000, 0.0000,
0.0000


 84.2240, -15.8864,
102.4126


 163.7560,
-19.5997, 80.0210

 54.3640, -11.5185,
101.4128


 183.1560,
-16.3459, 63.0072


 42.2880, -16.4110,
83.9394


 203.1430,
-13.3815, 45.4786

 32.2920, -15.9200,
66.3959

 223.3580, -9.5435,
27.7500

 23.2510, -10.4767,
47.1379

 244.1600, -5.9949,
9.5067

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 116.9590,
-20.6858, 101.7680

■ 116.9590,
-20.6858, 101.7680

■ 100.9500,
-23.6394, 115.8079

■ 132.9680,
-17.7322, 87.7281

■ 84.3540, -26.3035,
130.3625

■ 149.5640,
-15.0681, 73.1734

■ 71.1490, -28.6675,
141.9433

■ 165.5730,
-12.1145, 59.1335

■ 181.5820, -9.1609,
45.0936

■ 198.1780, -6.4968,
30.5389

■ 214.1870, -3.5432,
16.4990

■ 230.1960, -0.5896,
2.4591

■ 246.2050, 2.3639,
-11.5808

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



116.8690, 9.4316, 101.8469



116.9590, -20.6858, 101.7680



119.7330, -55.0844, 74.7792

Triad

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



116.9590, -20.6858, 101.7680



95.0210, -19.2374, -83.3334



109.9620, 71.0107, -96.4367

Complementary

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



116.9590, -20.6858, 101.7680



182.0410, 20.6858, -101.7680

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.



115.1990, 58.0759, -101.0295



116.9590, -20.6858, 101.7680



104.7790, 7.9970, -91.8912

Square

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



116.9590, -20.6858, 101.7680



112.3680, -55.3974, -11.7237



112.6620, 35.6626, -98.8046



127.4670, 55.4788, -14.4416

Rectangle

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



116.9590, -20.6858, 101.7680



120.7160, -59.5130, 48.4841



112.6620, 35.6626, -98.8046



112.5550, 68.2534, -98.7107

Sweetspot

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



116.9590, -20.6858, 101.7680



216.0860, -6.9444, 34.1276



131.6820, 49.9498, 79.2089



104.3940, -4.1382, 20.7025



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.



116.9590, -20.6858, 101.7680



102.8490, -27.0406, 133.4364



158.1970, -45.4531, 65.6022



109.2890, -1.6215, 6.7625



55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Inverse Universe

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



116.9590, -20.6858, 101.7680



102.8490, -27.0406, 133.4364



140.8030, 45.4531, -65.6022



109.2890, -1.6215, 6.7625



55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 116.9590, -20.6858, 101.7680 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 116.9590, -20.6858, 101.7680 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 116.9590, -20.6858, 101.7680 Background



This preview shows how black text looks on a background with the YUV color 116.9590, -20.6858, 101.7680.



This preview shows how white text looks on a background with the YUV color 116.9590, -20.6858, 101.7680.

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

116.9590, -20.6858, 101.7680

Protanopia

128.2710, -14.4306, 8.5323

Deuteranopia

126.9670, -30.0567, 27.2159



Tritanopia

116.9760, -23.1592, 101.7530

Trichromacy



Original Color

116.9590, -20.6858, 101.7680

Protanomaly

124.2090, -16.8650, 42.7897

Deuteranomaly

123.0550, -26.6491, 54.3258

Tritanomaly

117.2040, -22.2856, 101.5531

Monochromacy



Original Color

116.9590, -20.6858, 101.7680

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6950, -7.2446, 37.1015

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9590, -20.6858, 101.7680 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(233, 66, 75)` looks like.

```
.text, #text, p{  
    color:rgb(233, 66, 75)  
}
```

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(233, 66, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 66, 75) }
```

Border

The CSS property to change the border of an element to YUV 116.9590, -20.6858, 101.7680 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(233, 66, 75) }
```


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

```
.border{ border-color:rgb(233, 66, 75) }
```

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

Here you see how a box with a 4 pixel rgb(233, 66, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 66, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 66, 75);  
box-shadow:4px 4px 4px 4px rgb(233, 66,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 116.9590, -20.6858, 101.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 66, 75) }
```

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

```
.background{ background-color: rgb(233, 66,  
75) }
```

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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