

Converting Colors

YUV(119.0910, -27.6529,
96.3902)

Have a look what the booklet for
YUV(119.0910, -27.6529, 96.3902)
contains.

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Color

**YUV(119.0910, -27.6529,
96.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	E54A3F
RGB	229, 74, 63
RGB Percent	90%, 29%, 25%
CMY	0.1020, 0.7098, 0.7529
CMYK	0.00, 0.68, 0.72, 0.10
HSL	4°, 76%, 57%
HSV	4°, 72%, 90%
XYZ	35.6591, 21.9145, 7.0531
YIQ	119.0910, 95.9110, 29.4390

Conversions

Conversions Part 2

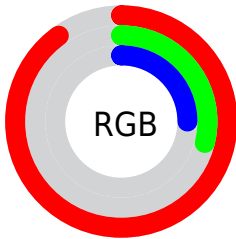
Format	Color
R_{YB}	229, 75, 63
Decimal	15026751
CIE Lab	53.94, 59.17, 40.26
CIE LCh	54, 71.565, 34.230
Yxy	21.9145, 0.5518, 0.3391
Android (android.graphics.Color)	4293216831 (0xFFE54A3F)
YUV	119.0910, -27.6529, 96.3902
Hunter-Lab	46.8129, 54.0475, 23.8360

Details

The YUV color **119.0910, -27.6529, 96.3902** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **172.9090, 27.6529, -96.3902**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7960, -27.0144, 78.2319**, and **51.8000, -16.1704, 100.1534** is the 20% darker color. If you saturate the color by 10%, you get **104.1420, -31.6220, 109.5005**, and if you desaturate by 10%, it is **134.0400, -23.6837, 83.2799**.

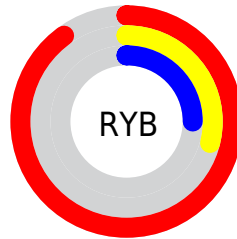
Distribution



Red (90%)

Green (29%)

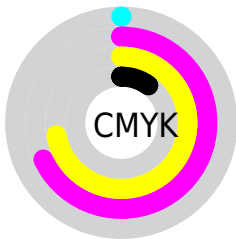
Blue (25%)



Red (90%)

Yellow (29%)

Blue (25%)

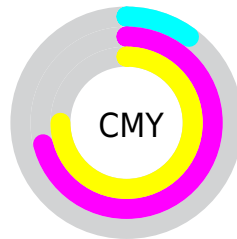


Cyan (0%)

Magenta (68%)

Yellow (72%)

Black (10%)



Cyan (10%)


Magenta (71%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.0910, -27.6529, 96.3902 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 119.0910, -27.6529, 96.3902 by changing the saturation by 10% instead.


 119.0910,
-27.6529, 96.3902


 119.0910,
-27.6529, 96.3902


255.0000, 0.0000,
0.0000


 88.7040, -24.0111,
94.9756


 165.7960,
-27.0144, 78.2319


 51.8000, -16.1704,
100.1534


 185.1960,
-23.7606, 61.2181


 40.3650, -19.8999,
82.9949


 204.7100,
-20.0700, 44.1043

 31.0960, -15.3303,
63.9368

 225.3980,
-16.9582, 25.9610

 22.2400, -10.4713,
45.3935

 245.6130,
-13.1202, 8.2324

 13.5690, -6.1965,
27.5650

 254.0880, -3.4944,

 0.0000, 0.0000,

0.7998

0.0000

■ 119.0910,
-27.6529, 96.3902

■ 119.0910,
-27.6529, 96.3902

■ 104.1420,
-31.6220, 109.5005

■ 134.0400,
-23.6837, 83.2799

■ 88.6060, -35.3018,
123.1255

■ 149.5760,
-20.0040, 69.6548

■ 77.2760, -38.0971,
133.0619

■ 164.5250,
-16.0348, 56.5446

■ 180.0610,
-12.3551, 42.9195

■ 195.0100, -8.3859,
29.8092

■ 209.8450, -4.8536,
16.7989

■ 225.3810, -1.1738,
3.1739

■ 240.3300, 2.7953,
-9.9364

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



116.8710, 3.0216, 104.4761



119.0910, -27.6529, 96.3902



120.5380, -59.4252, 67.0572

Triad

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



119.0910, -27.6529, 96.3902



98.0190, -12.8274, -85.9627



107.5000, 71.7315, -94.2775

Complementary

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



119.0910, -27.6529, 96.3902



172.9090, 27.6529, -96.3902

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.



114.8230, 61.7123, -100.6998



119.0910, -27.6529, 96.3902



107.0760, 14.2595, -93.9057

Square

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



119.0910, -27.6529, 96.3902



109.9320, -54.1965, -23.6194



113.4430, 41.1936, -99.4895



131.1060, 49.7407, 6.0460

Rectangle

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



119.0910, -27.6529, 96.3902



121.2480, -59.7753, 39.2475



113.4430, 41.1936, -99.4895



111.0220, 69.9952, -97.3663

Sweetspot

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



119.0910, -27.6529, 96.3902



218.0920, -9.4124, 32.3683



130.6460, 44.5445, 86.2565



105.9270, -5.8800, 19.3580



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.



119.0910, -27.6529, 96.3902



108.1830, -37.0652, 128.7585



166.0510, -50.8041, 55.2063



107.1750, -2.0583, 6.8625



60.5650, -29.8585, 103.8675



17.0100, -8.3859, 29.8092

Inverse Universe

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



172.9090, 27.6529, -96.3902



179.8170, 37.0652, -128.7585



125.9490, 50.8041, -55.2063



110.8250, 2.0583, -6.8625



118.4350, 29.8585, -103.8675



33.9900, 8.3859, -29.8092

Previews

White Background



This preview shows how the YUV color 119.0910, -27.6529, 96.3902 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 119.0910, -27.6529, 96.3902 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 119.0910, -27.6529, 96.3902

Background



This preview shows how black text looks on a background with the YUV color 119.0910, -27.6529, 96.3902.



This preview shows how white text looks on a background with the YUV color 119.0910, -27.6529, 96.3902.

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

119.0910, -27.6529, 96.3902

Protanopia

127.2300, -22.2984, 12.0763

Deuteranopia

126.3820, -36.1773, 30.3600



Tritanopia

119.3990, -21.3957, 96.1201

Trichromacy



Original Color

119.0910, -27.6529, 96.3902

Protanomaly

124.2600, -24.2852, 42.7450

Deuteranomaly

123.7470, -32.9063, 54.5959

Tritanomaly

119.4160, -23.8691, 96.1052

Monochromacy



Original Color

119.0910, -27.6529, 96.3902

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2880, -10.0020, 34.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0910, -27.6529, 96.3902 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(229, 74, 63)` looks like.

```
.text, #text, p{  
  color:rgb(229, 74, 63)  
}
```

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(229, 74, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 74, 63) }
```

Border

The CSS property to change the border of an element to YUV 119.0910, -27.6529, 96.3902 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(229, 74, 63) }
```


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

```
.border{ border-color:rgb(229, 74, 63) }
```

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

Here you see how a box with a 4 pixel rgb(229, 74, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 74, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 74, 63);  
box-shadow:4px 4px 4px 4px rgb(229, 74,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 119.0910, -27.6529, 96.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 74, 63) }
```

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

```
.background{ background-color: rgb(229, 74,  
63) }
```

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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