

Converting Colors

YUV(107.7590, -24.0382,
103.6974)

Have a look what the booklet for
YUV(107.7590, -24.0382, 103.6974)
contains.

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Color

**YUV(107.7590, -24.0382,
103.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	E2393B
RGB	226, 57, 59
RGB Percent	89%, 22%, 23%
CMY	0.1137, 0.7765, 0.7686
CMYK	0.00, 0.75, 0.74, 0.11
HSL	359°, 74%, 55%
HSV	359°, 75%, 89%
XYZ	33.6166, 19.4108, 6.1125
YIQ	107.7590, 100.0820, 36.4500

Conversions

Conversions Part 2

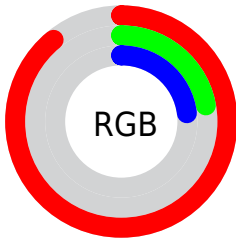
Format	Color
R_{YB}	226, 57, 59
Decimal	14825787
CIE Lab	51.16, 64.10, 39.22
CIE LCh	51, 75.143, 31.463
Yxy	19.4108, 0.5684, 0.3282
Android (android.graphics.Color)	4293015867 (0xFFE2393B)
YUV	107.7590, -24.0382, 103.6974
Hunter-Lab	44.0577, 59.0970, 22.6145

Details

The YUV color **107.7590, -24.0382, 103.6974** 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 **175.2410, 24.0382, -103.6974**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1220, -24.7101, 85.8390**, and **50.2620, -16.8912, 97.9942** is the 20% darker color. If you saturate the color by 10%, you get **91.7500, -26.9917, 117.7373**, and if you desaturate by 10%, it is **123.7680, -21.0846, 89.6575**.

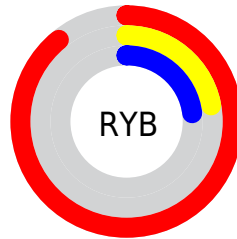
Distribution



Red (89%)

Green (22%)

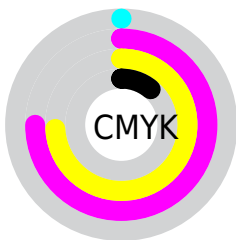
Blue (23%)



Red (89%)

Yellow (22%)

Blue (23%)

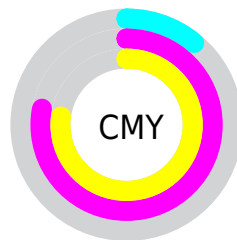


Cyan (0%)

Magenta (75%)

Yellow (74%)

Black (11%)



Cyan (11%)

Magenta (78%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.7590, -24.0382, 103.6974 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 107.7590, -24.0382, 103.6974 by changing the saturation by 10% instead.


 107.7590,
-24.0382, 103.6974


 107.7590,
-24.0382, 103.6974


255.0000, 0.0000,
0.0000


 71.6160, -17.0657,
107.3308


 157.1220,
-24.7101, 85.8390


 50.2620, -16.8912,
97.9942


 176.4080,
-21.8931, 68.9252


 39.1690, -19.3103,
80.5358


 196.5090,
-18.4919, 51.2966

 29.9000, -14.7407,
61.4777

 216.6100,
-15.0907, 33.6680

 21.5710, -9.1555,
43.3492

 237.2980,
-11.9789, 15.5247

 11.7750, -5.3121,
23.8763

 253.5180, -5.6784,

 0.0000, 0.0000,

1.2997

0.0000

■ 107.7590,
-24.0382, 103.6974

■ 107.7590,
-24.0382, 103.6974

■ 91.7500, -26.9917,
117.7373

■ 123.7680,
-21.0846, 89.6575

■ 76.2140, -30.6715,
131.3623

■ 139.3040,
-17.4049, 76.0324

■ 67.9160, -32.0036,
138.6397

■ 155.3130,
-14.4513, 61.9925

■ 170.7350,
-11.2084, 48.4674

■ 186.8580, -7.8180,
34.3275

■ 202.8670, -4.8644,
20.2876

■ 218.2890, -1.6215,
6.7625

■ 234.4120, 1.7689,
-7.3773

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



102.3480, 9.6884, 112.8278



107.7590, -24.0382, 103.6974



113.1840, -55.7997, 70.8756

Triad

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



107.7590, -24.0382, 103.6974



91.3850, -17.9378, -80.1446



104.4510, 72.7417, -91.6035

Complementary

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



107.7590, -24.0382, 103.6974



175.2410, 24.0382, -103.6974

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.



111.3180, 60.9752, -97.6259



107.7590, -24.0382, 103.6974



101.4850, 10.6069, -89.0023

Square

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



107.7590, -24.0382, 103.6974



104.0400, -51.2917, -21.9601



108.8950, 38.9988, -95.5009



122.3050, 54.5726, -3.7755

Rectangle

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



107.7590, -24.0382, 103.6974



115.0680, -56.7285, 42.0364



108.8950, 38.9988, -95.5009



107.7450, 70.1317, -94.4924

Sweetspot

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



107.7590, -24.0382, 103.6974



215.8580, -7.8180, 34.3275



125.9000, 49.3493, 85.1567



104.2800, -4.5750, 20.8024



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.



107.7590, -24.0382, 103.6974



94.1120, -32.5932, 141.0988



155.6650, -48.6418, 61.6838



104.2890, -1.6215, 6.7625



52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Inverse Universe

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



107.7590, -24.0382, 103.6974



94.1120, -32.5932, 141.0988



127.3350, 48.6418, -61.6838



104.2890, -1.6215, 6.7625



52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 107.7590, -24.0382, 103.6974 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 107.7590, -24.0382, 103.6974 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 107.7590, -24.0382, 103.6974 Background



This preview shows how black text looks on a background with the YUV color 107.7590, -24.0382, 103.6974.



This preview shows how white text looks on a background with the YUV color 107.7590, -24.0382, 103.6974.

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

107.7590, -24.0382, 103.6974

Protanopia

120.5010, -19.9670, 10.9616

Deuteranopia

119.0120, -35.0089, 28.9305



Tritanopia

107.7590, -24.0382, 103.6974

Trichromacy



Original Color

107.7590, -24.0382, 103.6974

Protanomaly

115.6670, -21.5278, 45.0190

Deuteranomaly

115.2140, -31.1645, 55.9403

Tritanomaly

107.7590, -24.0382, 103.6974

Monochromacy



Original Color

107.7590, -24.0382, 103.6974

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.6520, -8.7024, 38.0162

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7590, -24.0382, 103.6974 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(226, 57, 59)` looks like.

```
.text, #text, p{  
    color:rgb(226, 57, 59)  
}
```

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(226, 57, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 57, 59) }
```

Border

The CSS property to change the border of an element to YUV 107.7590, -24.0382, 103.6974 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(226, 57, 59) }
```


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

```
.border{ border-color:rgb(226, 57, 59) }
```

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

Here you see how a box with a 4 pixel rgb(226, 57, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 57, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 57, 59);  
box-shadow:4px 4px 4px 4px rgb(226, 57,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 107.7590, -24.0382, 103.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 57, 59) }
```

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

```
.background{ background-color: rgb(226, 57,  
59) }
```

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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