

Converting Colors

YUV(118.9440, -24.6224,
104.4121)

Have a look what the booklet for
YUV(118.9440, -24.6224, 104.4121)
contains.

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Color

**YUV(118.9440, -24.6224,
104.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4445
RGB	238, 68, 69
RGB Percent	93%, 27%, 27%
CMY	0.0667, 0.7333, 0.7294
CMYK	0.00, 0.71, 0.71, 0.07
HSL	360°, 83%, 60%
HSV	360°, 71%, 93%
XYZ	38.4012, 22.7411, 7.9957
YIQ	118.9440, 100.9990, 36.3510

Conversions

Conversions Part 2

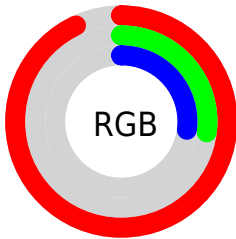
Format	Color
RYB	238, 68, 69
Decimal	15615045
CIELab	54.80, 64.44, 38.32
CIElCh	55, 74.977, 30.741
Yxy	22.7411, 0.5554, 0.3289
Android (android.graphics.Color)	4293805125 (0xFFEE4445)
YUV	118.9440, -24.6224, 104.4121
Hunter-Lab	47.6876, 60.2867, 23.4402

Details

The YUV color **118.9440, -24.6224, 104.4121** 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 **187.0560, 24.6224, -104.4121**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2460, -22.7993, 79.5913**, and **54.8760, -14.7289, 104.4717** is the 20% darker color. If you saturate the color by 10%, you get **102.1200, -28.1602, 119.1668**, and if you desaturate by 10%, it is **135.7680, -21.0846, 89.6575**.

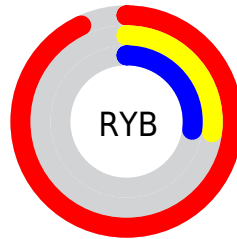
Distribution



Red (93%)

Green (27%)

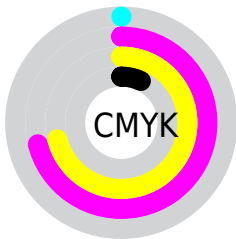
Blue (27%)



Red (93%)

Yellow (27%)

Blue (27%)

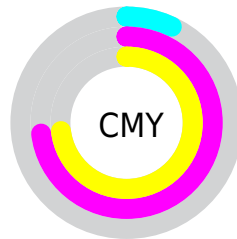


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9440, -24.6224, 104.4121 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 118.9440, -24.6224, 104.4121 by changing the saturation by 10% instead.


 118.9440,
-24.6224, 104.4121


 118.9440,
-24.6224, 104.4121


255.0000, 0.0000,
0.0000


 86.2090, -19.8230,
105.0567


 164.2460,
-22.7993, 79.5913


 54.8760, -14.7289,
104.4717


 183.5320,
-19.9823, 62.6774

 42.8710, -20.6424,
87.8131


 203.6330,
-16.5811, 45.0489

 33.1890, -16.3622,
68.2402

 224.3210,
-13.4693, 26.9055

 24.4470, -11.0664,
49.5970

 244.5360, -9.6312,
9.1769

 15.4770, -6.6442,
31.1537

254.8860, -0.4368,

 0.0000, 0.0000,

0.1000

0.0000

■ 118.9440,
-24.6224, 104.4121

■ 118.9440,
-24.6224, 104.4121

■ 102.1200,
-28.1602, 119.1668

■ 135.7680,
-21.0846, 89.6575

■ 85.4100, -31.2611,
133.8214

■ 152.4780,
-17.9837, 75.0028

■ 71.2760, -34.6461,
146.2169

■ 168.7150,
-14.1565, 60.7629

■ 185.5390,
-10.6187, 46.0083

■ 202.2490, -7.5178,
31.3536

■ 219.0730, -3.9800,
16.5990

■ 235.8970, -0.4422,
1.8443

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



116.4570, 7.6627, 109.2242



118.9440, -24.6224, 104.4121



121.7670, -60.0311, 74.7493

Triad

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



118.9440, -24.6224, 104.4121



98.1670, -17.3373, -86.0925



110.6630, 71.1581, -97.0515

Complementary

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



118.9440, -24.6224, 104.4121



187.0560, 24.6224, -104.4121

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.



118.3280, 62.4493, -103.7737



118.9440, -24.6224, 104.4121



108.2670, 11.2074, -94.9502

Square

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



118.9440, -24.6224, 104.4121



112.9110, -55.6651, -19.2159



115.6770, 39.5992, -101.4487



131.8210, 55.3042, -5.1050

Rectangle

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



118.9440, -24.6224, 104.4121



123.3520, -60.8125, 45.2953



115.6770, 39.5992, -101.4487



114.1850, 69.4218, -100.1402

Sweetspot

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



118.9440, -24.6224, 104.4121



217.2600, -7.5232, 33.0980



137.3130, 49.6387, 85.6715



105.5680, -4.7170, 19.6729



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.



118.9440, -24.6224, 104.4121



101.5950, -31.8453, 134.5362



166.9640, -48.7893, 62.2986



111.5880, -1.7689, 7.3773



55.1300, -26.6861, 113.0190



16.7440, -8.2548, 34.4275

Inverse Universe

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



118.9440, -24.6224, 104.4121



101.5950, -31.8453, 134.5362



139.0360, 48.7893, -62.2986



111.5880, -1.7689, 7.3773



55.1300, -26.6861, 113.0190



16.7440, -8.2548, 34.4275

Previews

White Background



This preview shows how the YUV color 118.9440, -24.6224, 104.4121 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 118.9440, -24.6224, 104.4121 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 118.9440, -24.6224, 104.4121 Background



This preview shows how black text looks on a background with the YUV color 118.9440, -24.6224, 104.4121.



This preview shows how white text looks on a background with the YUV color 118.9440, -24.6224, 104.4121.

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

118.9440, -24.6224, 104.4121

Protanopia

129.7290, -19.0934, 10.7617

Deuteranopia

128.8380, -34.4301, 29.9601



Tritanopia

119.1720, -23.7488, 104.2122

Trichromacy



Original Color

118.9440, -24.6224, 104.4121

Protanomaly

125.7810, -21.0910, 44.9191

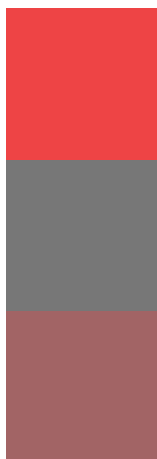
Deuteranomaly

125.0400, -30.5857, 56.9699

Tritanomaly

119.0580, -24.1856, 104.3121

Monochromacy



Original Color

118.9440, -24.6224, 104.4121

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6520, -8.7024, 38.0162

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9440, -24.6224, 104.4121 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(238, 68, 69)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 69)  
}
```

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(238, 68, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 69) }
```

Border

The CSS property to change the border of an element to YUV 118.9440, -24.6224, 104.4121 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(238, 68, 69) }
```


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

```
.border{ border-color:rgb(238, 68, 69) }
```

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

Here you see how a box with a 4 pixel rgb(238, 68, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 69);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 118.9440, -24.6224, 104.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 69) }
```

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

```
.background{ background-color: rgb(238, 68,  
69) }
```

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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