

Converting Colors

YUV(120.3350, -24.3222,
101.4382)

Have a look what the booklet for
YUV(120.3350, -24.3222, 101.4382)
contains.

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Color

**YUV(120.3350, -24.3222,
101.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4747
RGB	236, 71, 71
RGB Percent	93%, 28%, 28%
CMY	0.0745, 0.7216, 0.7216
CMYK	0.00, 0.70, 0.70, 0.07
HSL	0°, 81%, 60%
HSV	0°, 70%, 93%
XYZ	37.9826, 22.7943, 8.3591
YIQ	120.3350, 98.3400, 34.9800

Conversions

Conversions Part 2

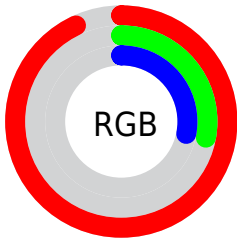
Format	Color
RYB	236, 71, 71
Decimal	15484743
CIELab	54.86, 62.86, 37.17
CIElCh	55, 73.024, 30.598
Yxy	22.7943, 0.5494, 0.3297
Android (android.graphics.Color)	4293674823 (0xFFEC4747)
YUV	120.3350, -24.3222, 101.4382
Hunter-Lab	47.7434, 58.4564, 23.0397

Details

The YUV color **120.3350, -24.3222, 101.4382** 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 **186.6650, 24.3222, -101.4382**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6480, -22.5045, 78.3617**, and **54.5060, -13.5605, 103.0422** is the 20% darker color. If you saturate the color by 10%, you get **103.5110, -27.8599, 116.1929**, and if you desaturate by 10%, it is **137.1590, -20.7844, 86.6836**.

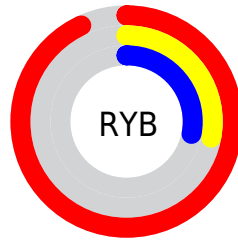
Distribution



Red (93%)

Green (28%)

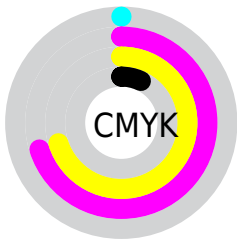
Blue (28%)



Red (93%)

Yellow (28%)

Blue (28%)

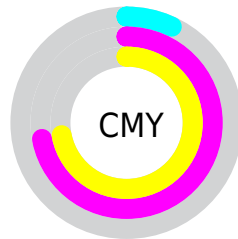


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (7%)



Cyan (7%)


Magenta (72%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.3350, -24.3222, 101.4382 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 120.3350, -24.3222, 101.4382 by changing the saturation by 10% instead.


 120.3350,
-24.3222, 101.4382


 120.3350,
-24.3222, 101.4382


255.0000, 0.0000,
0.0000


 88.7740, -20.1016,
101.0532


 165.6480,
-22.5045, 78.3617


 54.5060, -13.5605,
103.0422


 185.6350,
-19.5401, 60.8331


 42.6150, -19.0372,
86.2836


 205.0350,
-16.2863, 43.8193

 32.8900, -16.2148,
67.6255

 225.8370,
-12.7376, 25.5760

 24.0340, -11.3558,
49.0822

 246.0520, -8.8996,
7.8474

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 120.3350,
-24.3222, 101.4382

■ 120.3350,
-24.3222, 101.4382

■ 103.5110,
-27.8599, 116.1929

■ 137.1590,
-20.7844, 86.6836

■ 87.3880, -31.2503,
130.3327

■ 153.2820,
-17.3940, 72.5437

■ 70.5640, -34.7881,
145.0874

■ 170.1060,
-13.8563, 57.7890

■ 186.2290,
-10.4659, 43.6492

■ 203.0530, -6.9281,
28.8945

■ 219.8770, -3.3904,
14.1399

■ 236.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



118.9080, 6.9474, 105.3207



120.3350, -24.3222, 101.4382



122.0550, -60.1731, 73.6198

Triad

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



120.3350, -24.3222, 101.4382



98.2810, -16.9005, -86.1924



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.



120.3350, -24.3222, 101.4382



186.6650, 24.3222, -101.4382

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.



117.3990, 61.4283, -102.9589



120.3350, -24.3222, 101.4382



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.



120.3350, -24.3222, 101.4382



113.8080, -56.1073, -17.3716



115.4490, 38.7256, -101.2488



132.3650, 53.5571, -4.7051

Rectangle

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



120.3350, -24.3222, 101.4382



123.3520, -60.8125, 45.2953



115.4490, 38.7256, -101.2488



114.1850, 69.4218, -100.1402

Sweetspot

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



120.3350, -24.3222, 101.4382



217.1460, -7.9600, 33.1980



139.1450, 47.7495, 84.9418



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.



120.3350, -24.3222, 101.4382



104.9860, -31.5451, 131.5623



168.4690, -48.0522, 59.2247



109.2890, -1.6215, 6.7625



54.1190, -26.6807, 111.2746



16.1460, -7.9600, 33.1980

Inverse Universe

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



186.6650, 24.3222, -101.4382



191.0140, 31.5451, -131.5623



137.9440, 48.3416, -58.7099



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Previews

White Background



This preview shows how the YUV color 120.3350, -24.3222, 101.4382 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 120.3350, -24.3222, 101.4382 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 120.3350, -24.3222, 101.4382 Background



This preview shows how black text looks on a background with the YUV color 120.3350, -24.3222, 101.4382.



This preview shows how white text looks on a background with the YUV color 120.3350, -24.3222, 101.4382.

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

120.3350, -24.3222, 101.4382

Protanopia

130.5440, -18.5092, 10.0469

Deuteranopia

129.0660, -33.5565, 29.7601



Tritanopia

120.6770, -23.0118, 101.1383

Trichromacy



Original Color

120.3350, -24.3222, 101.4382

Protanomaly

126.8840, -20.6488, 43.0747

Deuteranomaly

125.8550, -30.0015, 56.2552

Tritanomaly

120.5630, -23.4486, 101.2382

Monochromacy



Original Color

120.3350, -24.3222, 101.4382

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3350, -24.3222, 101.4382 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, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(236, 71, 71)  
}
```

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, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 71, 71) }
```

Border

The CSS property to change the border of an element to YUV 120.3350, -24.3222, 101.4382 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, 71, 71) }
```


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

```
.border{ border-color:rgb(236, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(236, 71,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 120.3350, -24.3222, 101.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 71, 71) }
```

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

```
.background{ background-color: rgb(236, 71,  
71) }
```

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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