

Converting Colors

YUV(120.6340, -24.4696,
102.0530)

Have a look what the booklet for
YUV(120.6340, -24.4696, 102.0530)
contains.

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Color

**YUV(120.6340, -24.4696,
102.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4747
RGB	237, 71, 71
RGB Percent	93%, 28%, 28%
CMY	0.0706, 0.7216, 0.7216
CMYK	0.00, 0.70, 0.70, 0.07
HSL	0°, 82%, 60%
HSV	0°, 70%, 93%
XYZ	38.3156, 22.9659, 8.3746
YIQ	120.6340, 98.9360, 35.1920

Conversions

Conversions Part 2

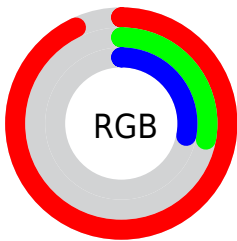
Format	Color
R_{YB}	237, 71, 71
Decimal	15550279
CIE Lab	55.04, 63.16, 37.42
CIE LCh	55, 73.418, 30.646
Yxy	22.9659, 0.5501, 0.3297
Android (android.graphics.Color)	4293740359 (0xFFED4747)
YUV	120.6340, -24.4696, 102.0530
Hunter-Lab	47.9228, 58.8509, 23.1848

Details

The YUV color **120.6340, -24.4696, 102.0530** 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 **187.3660, 24.4696, -102.0530**, 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 **54.8050, -13.7079, 103.6570** is the 20% darker color. If you saturate the color by 10%, you get **103.8100, -28.0073, 116.8076**, and if you desaturate by 10%, it is **137.4580, -20.9318, 87.2983**.

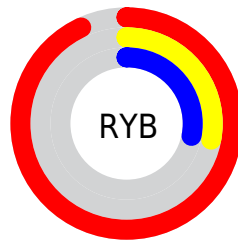
Distribution



Red (93%)

Green (28%)

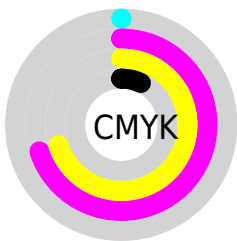
Blue (28%)



Red (93%)

Yellow (28%)

Blue (28%)

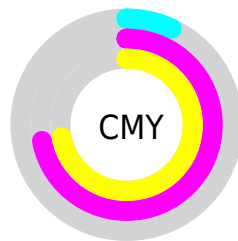


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (7%)



Cyan (7%)


Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.6340, -24.4696, 102.0530 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 120.6340, -24.4696, 102.0530 by changing the saturation by 10% instead.


 120.6340,
-24.4696, 102.0530


 120.6340,
-24.4696, 102.0530


255.0000, 0.0000,
0.0000


 89.0730, -20.2490,
101.6680


 165.6480,
-22.5045, 78.3617


 54.8050, -13.7079,
103.6570


 185.6350,
-19.5401, 60.8331


 42.9140, -19.1846,
86.8984


 205.6220,
-16.5756, 43.3045

 33.1890, -16.3622,
68.2402

 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

■ 120.6340,
-24.4696, 102.0530

■ 120.6340,
-24.4696, 102.0530

■ 103.8100,
-28.0073, 116.8076

■ 137.4580,
-20.9318, 87.2983

■ 87.6870, -31.3977,
130.9475

■ 153.5810,
-17.5414, 73.1585

■ 70.8630, -34.9355,
145.7021

■ 170.4050,
-14.0037, 58.4038

■ 187.2290,
-10.4659, 43.6492

■ 203.3520, -7.0755,
29.5093

■ 220.1760, -3.5378,
14.7546

■ 237.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



119.2070, 6.7999, 105.9355



120.6340, -24.4696, 102.0530



122.3540, -60.3205, 74.2345

Triad

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



120.6340, -24.4696, 102.0530



98.3950, -16.4637, -86.2924



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.



120.6340, -24.4696, 102.0530



187.3660, 24.4696, -102.0530

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.



118.1000, 61.5757, -103.5737



120.6340, -24.4696, 102.0530



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.



120.6340, -24.4696, 102.0530



113.8080, -56.1073, -17.3716



115.5630, 39.1624, -101.3488



132.4790, 53.9939, -4.8051

Rectangle

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



120.6340, -24.4696, 102.0530



124.2380, -61.2493, 45.3953



115.5630, 39.1624, -101.3488



114.1850, 69.4218, -100.1402

Sweetspot

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



120.6340, -24.4696, 102.0530



217.1460, -7.9600, 33.1980



139.5580, 48.0389, 85.4566



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.



120.6340, -24.4696, 102.0530



104.9860, -31.5451, 131.5623



169.3550, -48.4890, 59.3247



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.



187.3660, 24.4696, -102.0530



191.0140, 31.5451, -131.5623



138.6450, 48.4890, -59.3247



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 120.6340, -24.4696, 102.0530 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 120.6340, -24.4696, 102.0530 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 120.6340, -24.4696, 102.0530 Background



This preview shows how black text looks on a background with the YUV color 120.6340, -24.4696, 102.0530.

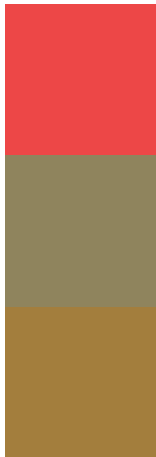


This preview shows how white text looks on a background with the YUV color 120.6340, -24.4696, 102.0530.

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

120.6340, -24.4696, 102.0530

Protanopia

130.8430, -18.6566, 10.6617

Deuteranopia

129.6530, -33.8459, 29.2453



Tritanopia

120.9760, -23.1592, 101.7530

Trichromacy



Original Color

120.6340, -24.4696, 102.0530

Protanomaly

127.1830, -20.7962, 43.6895

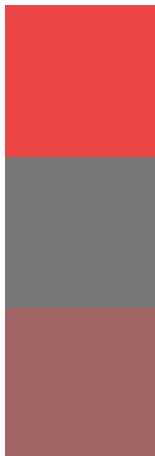
Deuteranomaly

126.4420, -30.2909, 55.7404

Tritanomaly

120.8620, -23.5960, 101.8530

Monochromacy



Original Color

120.6340, -24.4696, 102.0530

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6340, -24.4696, 102.0530 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(237, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 71) }
```

Border

The CSS property to change the border of an element to YUV 120.6340, -24.4696, 102.0530 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(237, 71, 71) }
```


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

```
.border{ border-color:rgb(237, 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(237, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 120.6340, -24.4696, 102.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 71) }
```

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

```
.background{ background-color: rgb(237, 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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