

Converting Colors

YUV(111.4320, -38.1740,
111.0001)

Have a look what the booklet for
YUV(111.4320, -38.1740, 111.0001)
contains.

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Color

**YUV(111.4320, -38.1740,
111.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	EE3E22
RGB	238, 62, 34
RGB Percent	93%, 24%, 13%
CMY	0.0667, 0.7569, 0.8667
CMYK	0.00, 0.74, 0.86, 0.07
HSL	8°, 86%, 53%
HSV	8°, 86%, 93%
XYZ	37.2713, 21.7379, 3.7448
YIQ	111.4320, 113.8840, 28.6040

Conversions

Conversions Part 2

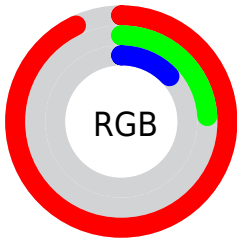
Format	Color
R_{YB}	238, 66, 34
Decimal	15613474
CIE Lab	53.75, 65.34, 55.21
CIE LCh	54, 85.541, 40.201
Yxy	21.7379, 0.5939, 0.3464
Android (android.graphics.Color)	4293803554 (0xFFEE3E22)
YUV	111.4320, -38.1740, 111.0001
Hunter-Lab	46.6239, 61.1015, 27.8746

Details

The YUV color **111.4320, -38.1740, 111.0001** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **160.5680, 38.1740, -111.0001**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3210, -36.6403, 85.6645**, and **51.7270, -25.5014, 106.3564** is the 20% darker color. If you saturate the color by 10%, you get **96.3690, -42.5799, 124.2104**, and if you desaturate by 10%, it is **126.4950, -33.7680, 97.7899**.

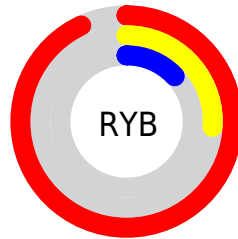
Distribution



Red (93%)

Green (24%)

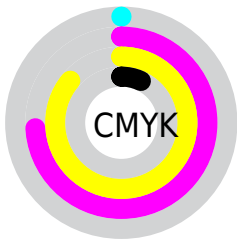
Blue (13%)



Red (93%)

Yellow (26%)

Blue (13%)

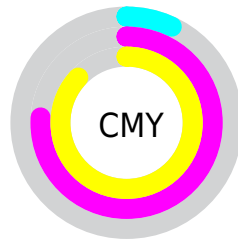


Cyan (0%)

Magenta (74%)

Yellow (86%)

Black (7%)



Cyan (7%)


Magenta (76%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.4320, -38.1740, 111.0001 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 111.4320, -38.1740, 111.0001 by changing the saturation by 10% instead.


 111.4320,
-38.1740, 111.0001


 111.4320,
-38.1740, 111.0001


255.0000, 0.0000,
0.0000

 76.1810, -34.1062,
112.9743


 157.3210,
-36.6403, 85.6645


 51.7270, -25.5014,
106.3564


 176.6070,
-33.8233, 68.7507


 42.1590, -20.7844,
86.6836

 196.5940,
-30.8588, 51.2221

 32.5910, -16.0674,
67.0107

 217.2820,
-27.7470, 33.0787

 23.8490, -10.7716,
48.3674

 237.3830,
-24.3458, 15.4501

 14.8790, -6.3493,
29.9241

 250.6680,

 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.8600, -4.3680,
0.9998

111.4320,
-38.1740, 111.0001

111.4320,
-38.1740, 111.0001

96.3690, -42.5799,
124.2104

126.4950,
-33.7680, 97.7899

90.5330, -44.6328,
129.3286

140.9710,
-29.0727, 85.0944

155.9200,
-25.1036, 71.9842

170.3960,
-20.4082, 59.2887

185.4590,
-16.0023, 46.0785

199.9350,
-11.3070, 33.3830

214.9980, -6.9010,
20.1728

229.3600, -2.6425,
7.5773

244.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



88.1440, 9.2960, 145.4557



111.4320, -38.1740, 111.0001



120.5270, -59.4198, 65.3128

Triad

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



111.4320, -38.1740, 111.0001



100.1220, -12.3851, -87.8070



105.3800, 73.7627, -92.4183

Complementary

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



111.4320, -38.1740, 111.0001



160.5680, 38.1740, -111.0001

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.



117.1200, 67.9748, -102.7142



111.4320, -38.1740, 111.0001



110.7750, 20.8169, -97.1497

Square

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



111.4320, -38.1740, 111.0001



98.5260, -48.5733, -53.9583



118.1680, 51.6822, -103.6333



130.1220, 55.6489, 24.4490

Rectangle

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



111.4320, -38.1740, 111.0001



120.6060, -59.4588, 31.0405



118.1680, 51.6822, -103.6333



110.6630, 71.1581, -97.0515

Sweetspot

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



111.4320, -38.1740, 111.0001



214.0170, -12.3334, 35.9421



115.1740, 47.2422, 107.7184



102.8950, -7.3432, 22.0171



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.



111.4320, -38.1740, 111.0001



96.7900, -47.7175, 138.7502



170.7190, -67.4025, 59.0054



112.7620, -2.3477, 6.3477



69.6910, -34.3577, 100.2490



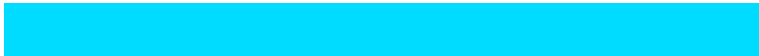
21.4400, -10.5699, 30.3091

Inverse Universe

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



160.5680, 38.1740, -111.0001



158.2100, 47.7175, -138.7502



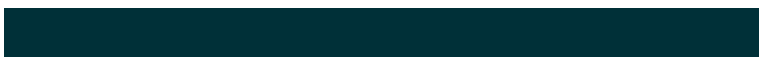
101.2810, 67.4025, -59.0054



115.2380, 2.3477, -6.3477



113.7220, 34.6471, -99.7342



34.5600, 10.5699, -30.3091

Previews

White Background



This preview shows how the YUV color 111.4320, -38.1740, 111.0001 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 111.4320, -38.1740, 111.0001 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 111.4320, -38.1740, 111.0001 Background



This preview shows how black text looks on a background with the YUV color 111.4320, -38.1740, 111.0001.



This preview shows how white text looks on a background with the YUV color 111.4320, -38.1740, 111.0001.

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

111.4320, -38.1740, 111.0001

Protanopia

124.5930, -36.2813, 17.0199

Deuteranopia

120.3510, -59.3330, 37.4032



Tritanopia

113.0480, -25.6597, 110.4599

Trichromacy



Original Color

111.4320, -38.1740, 111.0001

Protanomaly

119.9870, -36.9686, 50.8774

Deuteranomaly

116.8780, -51.7049, 64.1280

Tritanomaly

112.4950, -30.3170, 110.9449

Monochromacy



Original Color

111.4320, -38.1740, 111.0001

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9960, -13.8020, 40.3455

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4320, -38.1740, 111.0001 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, 62, 34)` looks like.

```
.text, #text, p{  
    color:rgb(238, 62, 34)  
}
```

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, 62, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 62, 34) }
```

Border

The CSS property to change the border of an element to YUV 111.4320, -38.1740, 111.0001 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, 62, 34) }
```


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

```
.border{ border-color:rgb(238, 62, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 62, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 62, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 62, 34);  
box-shadow:4px 4px 4px 4px rgb(238, 62,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 111.4320, -38.1740, 111.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 62, 34) }
```

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

```
.background{ background-color: rgb(238, 62,  
34) }
```

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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