

Converting Colors

YUV(101.3590, -47.5050,
117.2032)

Have a look what the booklet for
YUV(101.3590, -47.5050, 117.2032)
contains.

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Color

**YUV(101.3590, -47.5050,
117.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	EB3405
RGB	235, 52, 5
RGB Percent	92%, 20%, 2%
CMY	0.0784, 0.7961, 0.9804
CMYK	0.00, 0.78, 0.98, 0.08
HSL	12°, 96%, 47%
HSV	12°, 98%, 92%
XYZ	35.5163, 20.1291, 2.1570
YIQ	101.3590, 124.1550, 24.1790

Conversions

Conversions Part 2

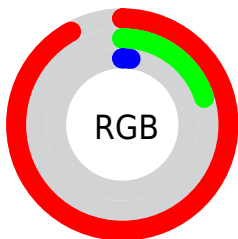
Format	Color
R_{YB}	235, 64, 5
Decimal	15414277
CIE Lab	51.98, 67.11, 63.10
CIE LCh	52, 92.111, 43.236
Yxy	20.1291, 0.6144, 0.3482
Android (android.graphics.Color)	4293604357 (0xFFEB3405)
YUV	101.3590, -47.5050, 117.2032
Hunter-Lab	44.8655, 62.7893, 28.5554

Details

The YUV color **101.3590, -47.5050, 117.2032** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **138.6410, 47.5050, -117.2032**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2310, -43.4979, 91.8824**, and **50.5310, -24.9118, 103.8973** is the 20% darker color. If you saturate the color by 10%, you get **98.4410, -48.5314, 119.7622**, and if you desaturate by 10%, it is **115.2480, -42.5203, 105.0225**.

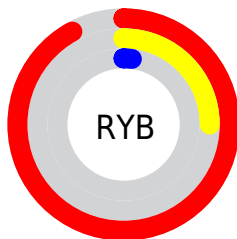
Distribution



Red (92%)

Green (20%)

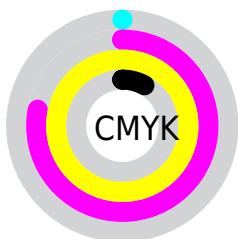
Blue (2%)



Red (92%)

Yellow (25%)

Blue (2%)

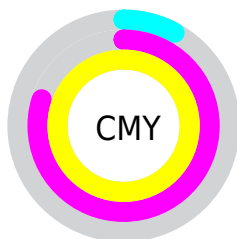


Cyan (0%)

Magenta (78%)

Yellow (98%)

Black (8%)



Cyan (8%)


Magenta (80%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.3590, -47.5050, 117.2032 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 101.3590, -47.5050, 117.2032 by changing the saturation by 10% instead.


 101.3590,
-47.5050, 117.2032


 101.3590,
-47.5050, 117.2032


254.7720, -0.8736,
0.2000


 60.3980, -29.7762,
124.1850


 150.2310,
-43.4979, 91.8824


 50.5310, -24.9118,
103.8973


 170.2180,
-40.5335, 74.3538


 40.9630, -20.1948,
84.2244


 190.2050,
-37.5691, 56.8252

 31.3950, -15.4777,
64.5516

 210.1920,
-34.6047, 39.2966

 22.7670, -9.7451,
45.8083

 230.9940,
-31.0560, 21.0533


 13.5690, -6.1965,
27.5650


 248.1600,


 0.0000, 0.0000,


-26.2079, 5.9987


0.0000


 251.4660,
-13.5407, 3.0993


 101.3590,
-47.5050, 117.2032


 101.3590,
-47.5050, 117.2032


 98.4410, -48.5314,
119.7622

 115.2480,
-42.5203, 105.0225

 128.4360,
-37.6829, 93.4566

 142.2110,
-33.1350, 81.3760

 156.1000,
-28.1503, 69.1953

 169.2880,
-23.3130, 57.6294

■ 183.1770,
-18.3283, 45.4488

■ 197.0660,
-13.3435, 33.2681

■ 210.8410, -8.7956,
21.1874

■ 224.0290, -3.9583,
9.6216

Harmonies

Analogous

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



86.8470, 3.0334, 147.4702



101.3590, -47.5050, 117.2032



116.9610, -57.6618, 61.4242

Triad

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



101.3590, -47.5050, 117.2032



98.3610, -11.5170, -86.2626



101.2710, 75.7884, -88.8147

Complementary

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



101.3590, -47.5050, 117.2032



138.6410, 47.5050, -117.2032

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.



114.7720, 69.1324, -100.6550



101.3590, -47.5050, 117.2032



109.5840, 23.8691, -96.1052

Square

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



101.3590, -47.5050, 117.2032



85.7020, -42.2511, -75.1607



117.4330, 56.4815, -102.9887



123.7690, 57.7949, 36.1596

Rectangle

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



101.3590, -47.5050, 117.2032



115.8440, -57.1111, 24.6928



117.4330, 56.4815, -102.9887



107.1410, 72.8945, -93.9627

Sweetspot

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



101.3590, -47.5050, 117.2032



211.9310, -15.2490, 37.7715



94.7460, 46.4672, 123.0028



101.7380, -9.2378, 23.0318



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.



101.3590, -47.5050, 117.2032



106.7690, -52.6371, 129.9986



168.2770, -80.4956, 58.5161



110.4630, -2.2003, 5.7329



75.8380, -37.3881, 92.2271



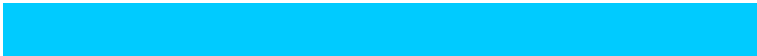
22.6030, -11.1433, 27.5352

Inverse Universe

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



138.6410, 47.5050, -117.2032



148.2310, 52.6371, -129.9986



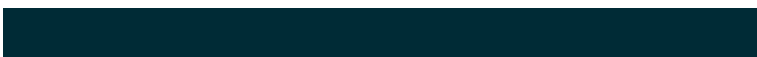
71.7230, 80.4956, -58.5161



112.5370, 2.2003, -5.7329



105.1620, 37.3881, -92.2271



31.3970, 11.1433, -27.5352

Previews

White Background



This preview shows how the YUV color 101.3590, -47.5050, 117.2032 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 101.3590, -47.5050, 117.2032 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 101.3590, -47.5050, 117.2032 Background



This preview shows how black text looks on a background with the YUV color 101.3590, -47.5050, 117.2032.



This preview shows how white text looks on a background with the YUV color 101.3590, -47.5050, 117.2032.

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

101.3590, -47.5050, 117.2032

Protanopia

118.4270, -44.5805, 18.9195

Deuteranopia

116.2090, -57.2910, 35.7737



Tritanopia

104.9130, -27.5651, 114.9633

Trichromacy



Original Color

101.3590, -47.5050, 117.2032

Protanomaly

112.1310, -45.4206, 55.1361

Deuteranomaly

110.7210, -53.5995, 65.1427

Tritanomaly

103.6760, -34.8433, 116.0481

Monochromacy



Original Color

101.3590, -47.5050, 117.2032

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0950, -17.3018, 42.8897

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3590, -47.5050, 117.2032 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(235, 52, 5)` looks like.

```
.text, #text, p{  
    color:rgb(235, 52, 5)  
}
```

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(235, 52, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 52, 5) }
```

Border

The CSS property to change the border of an element to YUV 101.3590, -47.5050, 117.2032 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(235, 52, 5) }
```


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

```
.border{ border-color:rgb(235, 52, 5) }
```

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

Here you see how a box with a 4 pixel rgb(235, 52, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 52, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 52, 5);  
box-shadow:4px 4px 4px 4px rgb(235, 52, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 101.3590, -47.5050, 117.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 52, 5) }
```

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

```
.background{ background-color: rgb(235, 52,  
5) }
```

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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