

Converting Colors

YUV(109.4440, -39.6589,
120.6366)

Have a look what the booklet for
YUV(109.4440, -39.6589, 120.6366)
contains.

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Color

**YUV(109.4440, -39.6589,
120.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	F7371D
RGB	247, 55, 29
RGB Percent	97%, 22%, 11%
CMY	0.0314, 0.7843, 0.8863
CMYK	0.00, 0.78, 0.88, 0.03
HSL	7°, 93%, 54%
HSV	7°, 88%, 97%
XYZ	39.9457, 22.5952, 3.4183
YIQ	109.4440, 122.7780, 32.6180

Conversions

Conversions Part 2

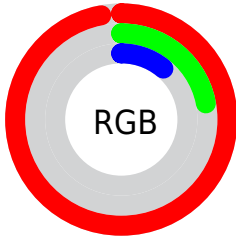
Format	Color
R_{YB}	247, 59, 29
Decimal	16201501
CIE Lab	54.65, 69.99, 58.72
CIE LCh	55, 91.359, 39.999
Yxy	22.5952, 0.6056, 0.3426
Android (android.graphics.Color)	4294391581 (0xFFFF7371D)
YUV	109.4440, -39.6589, 120.6366
Hunter-Lab	47.5345, 66.8178, 29.0104

Details

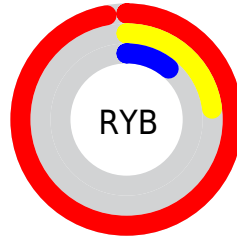
The YUV color **109.4440, -39.6589, 120.6366** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **166.5560, 39.6589, -120.6366**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5170, -37.2299, 88.1236**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **93.6800, -44.2122, 134.4616**, and if you desaturate by 10%, it is **125.2080, -35.1055, 106.8116**.

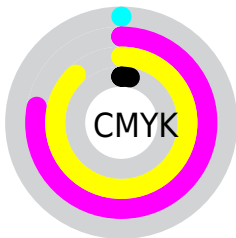
Distribution



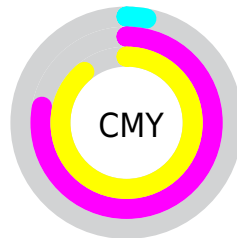
- Red (97%)
- Green (22%)
- Blue (11%)



- Red (97%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (88%)
- Black (3%)



- Cyan (3%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.4440, -39.6589, 120.6366 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 109.4440, -39.6589, 120.6366 by changing the saturation by 10% instead.


 109.4440,
-39.6589, 120.6366


 109.4440,
-39.6589, 120.6366


255.0000, 0.0000,
0.0000


 65.1600, -32.1239,
130.5327


 154.5170,
-37.2299, 88.1236


 54.1190, -26.6807,
111.2746


 174.3900,
-34.7023, 70.6950


 44.2520, -21.8162,
90.9870


 194.3770,
-31.7379, 53.1664

 34.6840, -17.0992,
71.3141

 215.0650,
-28.6260, 35.0230

 25.6430, -11.6560,
52.0561

 235.7530,
-25.5142, 16.8796


 16.6730, -7.2338,
33.6128


 250.0980,

 2.9900, -1.4741,

-18.7823, 4.2991


6.1478


 253.4040, -6.1152,
1.3997


 0.0000, 0.0000,
0.0000

 109.4440,
-39.6589, 120.6366


 109.4440,
-39.6589, 120.6366


 93.6800, -44.2122,
134.4616


 125.2080,
-35.1055, 106.8116

 90.8760, -44.8019,
136.9207

 140.8580,
-30.9890, 93.0865

 156.0350,
-26.1463, 79.7763

 171.7990,
-21.5929, 65.9513

 187.5630,
-17.0396, 52.1262

203.2130,
-12.9230, 38.4012

218.3900, -8.0803,
25.0910

234.1540, -3.5269,
11.2659

249.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



88.5570, 9.5854, 145.9705



109.4440, -39.6589, 120.6366



122.3210, -60.3043, 69.0015

Triad

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



109.4440, -39.6589, 120.6366



102.1280, -14.8531, -89.5663



107.1410, 72.8945, -93.9627

Complementary

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



109.4440, -39.6589, 120.6366



166.5560, 39.6589, -120.6366

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.



119.4680, 66.8173, -104.7734



109.4440, -39.6589, 120.6366



113.4650, 20.9698, -99.5088

Square

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



109.4440, -39.6589, 120.6366



96.4000, -47.5252, -63.4948



121.5420, 54.4558, -106.5923



131.6860, 60.3008, 25.7084

Rectangle

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



109.4440, -39.6589, 120.6366



122.6770, -60.4798, 31.8553



121.5420, 54.4558, -106.5923



112.4240, 70.2900, -98.5958

Sweetspot

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



109.4440, -39.6589, 120.6366



213.4300, -12.0440, 36.4569



116.1840, 52.1673, 114.7256



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.



109.4440, -39.6589, 120.6366



93.8550, -46.2705, 141.3242



172.8400, -70.9131, 65.0383



114.7620, -2.3477, 6.3477



68.5280, -33.7843, 103.0229



21.7500, -10.7227, 32.6683

Inverse Universe

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



166.5560, 39.6589, -120.6366



161.1450, 46.2705, -141.3242



103.1600, 70.9131, -65.0383



117.8250, 2.0583, -6.8625



117.4720, 33.7843, -103.0229



37.2500, 10.7227, -32.6683

Previews

White Background



This preview shows how the YUV color 109.4440, -39.6589, 120.6366 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 109.4440, -39.6589, 120.6366 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 109.4440, -39.6589, 120.6366 Background



This preview shows how black text looks on a background with the YUV color 109.4440, -39.6589, 120.6366.



This preview shows how white text looks on a background with the YUV color 109.4440, -39.6589, 120.6366.

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

109.4440, -39.6589, 120.6366

Protanopia

126.2080, -39.0495, 18.2346

Deuteranopia

122.4220, -60.3540, 38.2179



Tritanopia

110.4190, -28.3076, 119.7815

Trichromacy



Original Color

109.4440, -39.6589, 120.6366

Protanomaly

119.7380, -39.3108, 55.4808

Deuteranomaly

117.6720, -52.5893, 67.8167

Tritanomaly

109.9800, -32.5281, 120.1665

Monochromacy



Original Color

109.4440, -39.6589, 120.6366

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9040, -14.2497, 43.9342

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4440, -39.6589, 120.6366 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(247, 55, 29)` looks like.

```
.text, #text, p{  
    color:rgb(247, 55, 29)  
}
```

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(247, 55, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 55, 29) }
```

Border

The CSS property to change the border of an element to YUV 109.4440, -39.6589, 120.6366 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(247, 55, 29) }
```


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

```
.border{ border-color:rgb(247, 55, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 55, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 55, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 55, 29);  
box-shadow:4px 4px 4px 4px rgb(247, 55,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 109.4440, -39.6589, 120.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 55, 29) }
```

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

```
.background{ background-color: rgb(247, 55,  
29) }
```

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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