

Converting Colors

YUV(101.1810, -30.6552,
126.1293)

Have a look what the booklet for
YUV(101.1810, -30.6552, 126.1293)
contains.

YUV(101.1810, -30.6552, 126.1293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.1810, -30.6552,
126.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	F52827
RGB	245, 40, 39
RGB Percent	96%, 16%, 15%
CMY	0.0392, 0.8431, 0.8471
CMYK	0.00, 0.84, 0.84, 0.04
HSL	0°, 91%, 56%
HSV	0°, 84%, 96%
XYZ	38.7812, 21.0765, 3.9436
YIQ	101.1810, 122.5010, 43.1490

Conversions

Conversions Part 2

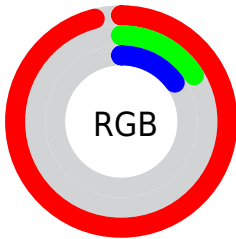
Format	Color
R_{YB}	245, 40, 39
Decimal	16066599
CIE _{Lab}	53.03, 73.29, 52.85
CIE _{LCh}	53, 90.360, 35.795
Yxy	21.0765, 0.6078, 0.3303
Android (android.graphics.Color)	4294256679 (0xFFFF52827)
YUV	101.1810, -30.6552, 126.1293
Hunter-Lab	45.9092, 70.4444, 27.0434

Details

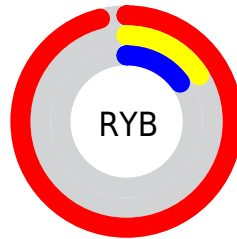
The YUV color **101.1810, -30.6552, 126.1293** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **182.8190, 30.6552, -126.1293**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5590, -30.8416, 92.4718**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **84.3570, -34.1930, 140.8839**, and if you desaturate by 10%, it is **118.1190, -26.6807, 111.2746**.

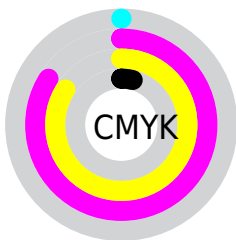
Distribution



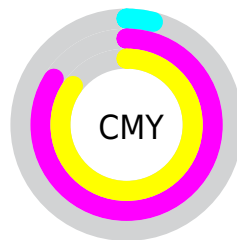
- Red (96%)
- Green (16%)
- Blue (15%)



- Red (96%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (4%)





- Cyan (4%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.1810, -30.6552, 126.1293 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 101.1810, -30.6552, 126.1293 by changing the saturation by 10% instead.


 101.1810,
-30.6552, 126.1293


 101.1810,
-30.6552, 126.1293


255.0000, 0.0000,
0.0000


 65.0980, -24.6983,
128.8331


 149.5590,
-30.8416, 92.4718


 53.5210, -26.3859,
110.0451


 170.0190,
-28.6034, 74.5283


 43.6540, -21.5214,
89.7574


 190.5930,
-25.9283, 56.4849

 34.0860, -16.8044,
70.0846

 210.6940,
-22.5271, 38.8564

 25.1590, -10.9244,
50.7266

 231.3820,
-19.4153, 20.7130

 15.7760, -6.7916,
31.7684

 251.0100,

 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 101.1810,
-30.6552, 126.1293

■ 101.1810,
-30.6552, 126.1293

■ 84.3570, -34.1930,
140.8839

■ 118.1190,
-26.6807, 111.2746

■ 73.8420, -36.4041,
150.1056


■ 135.5300,
-23.4323, 96.0052

■ 152.4680,
-19.4577, 81.1506


■ 169.8790,
-16.2093, 65.8811

■ 186.8170,
-12.2348, 51.0265

 203.6410, -8.6970,
36.2718

 221.1660, -5.0118,
20.9024

 237.9900, -1.4741,
6.1478

 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



89.3550, 12.6430, 145.2707



101.1810, -30.6552, 126.1293



117.6360, -57.9945, 74.8642

Triad

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



101.1810, -30.6552, 126.1293



96.8960, -19.6687, -84.9778



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.



101.1810, -30.6552, 126.1293



182.8190, 30.6552, -126.1293

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.



117.7070, 67.6854, -103.2290



101.1810, -30.6552, 126.1293



108.7060, 15.4279, -95.3352

Square

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



101.1810, -30.6552, 126.1293



100.3530, -49.4740, -45.0366



117.4840, 49.0614, -103.0335



127.2710, 62.9704, 9.4093

Rectangle

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



101.1810, -30.6552, 126.1293



119.4760, -58.9017, 39.0475



117.4840, 49.0614, -103.0335



111.8370, 70.5794, -98.0810

Sweetspot

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



101.1810, -30.6552, 126.1293



210.7230, -9.7234, 38.8309



124.0780, 59.6145, 106.0486



100.6610, -5.7489, 23.9763



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.



101.1810, -30.6552, 126.1293



76.8320, -37.8782, 156.2533



161.0550, -60.1731, 73.6198



113.5880, -1.7689, 7.3773



56.2010, -27.7071, 113.8337



17.6410, -8.6970, 36.2718

Inverse Universe

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



182.8190, 30.6552, -126.1293



178.1680, 37.8782, -156.2533



122.9450, 60.1731, -73.6198



118.4120, 1.7689, -7.3773



129.7990, 27.7071, -113.8337



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 101.1810, -30.6552, 126.1293 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 101.1810, -30.6552, 126.1293 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 101.1810, -30.6552, 126.1293 Background



This preview shows how black text looks on a background with the YUV color 101.1810, -30.6552, 126.1293.



This preview shows how white text looks on a background with the YUV color 101.1810, -30.6552, 126.1293.

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

101.1810, -30.6552, 126.1293

Protanopia

123.5480, -31.3292, 15.3054

Deuteranopia

120.1920, -54.8177, 35.7886



Tritanopia

101.0670, -31.0920, 126.2292

Trichromacy



Original Color

101.1810, -30.6552, 126.1293

Protanomaly

115.2140, -31.1645, 55.9403

Deuteranomaly

113.6920, -46.1902, 68.6761

Tritanomaly

101.0670, -31.0920, 126.2292

Monochromacy



Original Color

101.1810, -30.6552, 126.1293

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0120, -11.3449, 45.5935

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1810, -30.6552, 126.1293 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(245, 40, 39)` looks like.

```
.text, #text, p{  
    color:rgb(245, 40, 39)  
}
```

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(245, 40, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 40, 39) }
```

Border

The CSS property to change the border of an element to YUV 101.1810, -30.6552, 126.1293 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(245, 40, 39) }
```


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

```
.border{ border-color:rgb(245, 40, 39) }
```

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

Here you see how a box with a 4 pixel rgb(245, 40, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 40, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 40, 39);  
box-shadow:4px 4px 4px 4px rgb(245, 40,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 101.1810, -30.6552, 126.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 40, 39) }
```

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

```
.background{ background-color: rgb(245, 40,  
39) }
```

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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