

Converting Colors

YUV(109.8040, -25.5394,
118.5669)

Have a look what the booklet for
YUV(109.8040, -25.5394, 118.5669)
contains.

| | |
|--|----|
| YUV(109.8040, -25.5394, 118.5669) | 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(109.8040, -25.5394,
118.5669)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5333A |
| RGB | 245, 51, 58 |
| RGB Percent | 96%, 20%, 23% |
| CMY | 0.0392, 0.8000, 0.7725 |
| CMYK | 0.00, 0.79, 0.76, 0.04 |
| HSL | 358°, 91%, 58% |
| HSV | 358°, 79%, 96% |
| XYZ | 39.6037, 22.0856, 6.1786 |
| YIQ | 109.8040, 113.3770, 43.3050 |

Conversions

Conversions Part 2

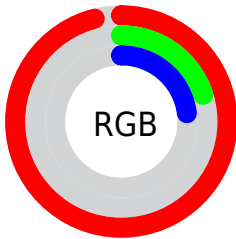
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 245, 51, 58 |
| Decimal | 16069434 |
| CIE _{Lab} | 54.12, 71.22, 44.04 |
| CIE _{LCh} | 54, 83.736, 31.729 |
| Yxy | 22.0856, 0.5835, 0.3254 |
| Android (android.graphics.Color) | 4294259514 (0xFFFF5333A) |
| YUV | 109.8040, -25.5394, 118.5669 |
| Hunter-Lab | 46.9953, 68.1830, 25.1017 |

Details

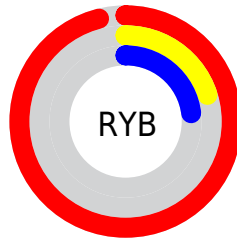
The YUV color **109.8040, -25.5394, 118.5669** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.1960, 25.5394, -118.5669**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8340, -24.5682, 86.9686**, and **55.4160, -20.4181, 109.2602** is the 20% darker color. If you saturate the color by 10%, you get **92.3930, -28.7877, 133.8363**, and if you desaturate by 10%, it is **127.2150, -22.2910, 103.2974**.

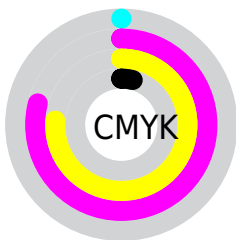
Distribution



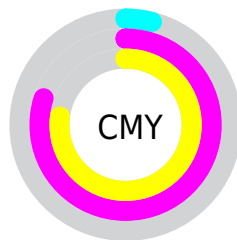
- Red (96%)
- Green (20%)
- Blue (23%)



- Red (96%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.8040, -25.5394, 118.5669 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 109.8040, -25.5394, 118.5669 by changing the saturation by 10% instead.


 109.8040,
-25.5394, 118.5669


 109.8040,
-25.5394, 118.5669


255.0000, 0.0000,
0.0000

 67.4920, -15.5256,
126.7335


 155.8340,
-24.5682, 86.9686


 55.4160, -20.4181,
109.2602


 176.2940,
-22.3299, 69.0252


 44.2520, -21.8162,
90.9870


 196.3950,
-18.9287, 51.3966

 34.6840, -17.0992,
71.3141

 217.0830,
-15.8169, 33.2532

 25.6430, -11.6560,
52.0561

 237.8850,
-12.2683, 15.0099

 16.3740, -7.0864,
32.9980

 253.4040, -6.1152,

 2.0930, -1.0318,

1.3997

4.3034

■ 0.0000, 0.0000,
0.0000

■ 109.8040,
-25.5394, 118.5669

■ 109.8040,
-25.5394, 118.5669

■ 92.3930, -28.7877,
133.8363

■ 127.2150,
-22.2910, 103.2974

■ 75.6830, -31.8887,
148.4910

■ 143.9250,
-19.1900, 88.6428

■ 74.2810, -32.1835,
149.7206

■ 161.3360,
-15.9416, 73.3733

■ 178.0460,
-12.8407, 58.7187

■ 195.4570, -9.5923,
43.4492

212.2810, -6.0545,
28.6946

229.5780, -3.2430,
13.5251

246.4020, 0.2948,
-1.2296

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.



90.3420, 19.0584, 140.8971



109.8040, -25.5394, 118.5669



119.4300, -58.8790, 78.5529

Triad

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



109.8040, -25.5394, 118.5669



97.1410, -21.2685, -85.1927



110.0760, 71.4475, -96.5367

Complementary

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



109.8040, -25.5394, 118.5669



186.1960, 25.5394, -118.5669

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



109.8040, -25.5394, 118.5669



108.3810, 11.6442, -95.0501

Square

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



109.8040, -25.5394, 118.5669



109.0240, -53.7488, -27.2080



116.5890, 43.0936, -102.2486



128.8410, 61.7034, -4.2456

Rectangle

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



109.8040, -25.5394, 118.5669



121.8790, -60.0863, 45.7101



116.5890, 43.0936, -102.2486



114.1850, 69.4218, -100.1402

Sweetspot

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



109.8040, -25.5394, 118.5669



212.4670, -8.1182, 37.3014



128.1320, 57.6159, 93.7232



102.1770, -5.0173, 22.6468



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.



109.8040, -25.5394, 118.5669



86.2700, -32.1781, 147.9762



160.0750, -53.7740, 74.4792



113.7020, -1.3321, 7.2773



56.4120, -24.3601, 113.6487



17.8690, -7.8234, 36.0719

Inverse Universe

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



109.8040, -25.5394, 118.5669



86.2700, -32.1781, 147.9762



135.9250, 53.7740, -74.4792



113.7020, -1.3321, 7.2773



56.4120, -24.3601, 113.6487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 109.8040, -25.5394, 118.5669 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 109.8040, -25.5394, 118.5669 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 109.8040, -25.5394, 118.5669 Background



This preview shows how black text looks on a background with the YUV color 109.8040, -25.5394, 118.5669.



This preview shows how white text looks on a background with the YUV color 109.8040, -25.5394, 118.5669.

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

109.8040, -25.5394, 118.5669

Protanopia

127.8170, -22.5878, 11.5615

Deuteranopia

125.6550, -40.2559, 31.8746



Tritanopia

109.7070, -28.4496, 118.6520

Trichromacy



Original Color

109.8040, -25.5394, 118.5669

Protanomaly

121.1300, -23.7281, 50.7520

Deuteranomaly

119.9330, -34.9700, 63.2028

Tritanomaly

109.9350, -27.5760, 118.4520

Monochromacy



Original Color

109.8040, -25.5394, 118.5669

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1580, -9.4449, 42.8344

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8040, -25.5394, 118.5669 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, 51, 58)` looks like.

```
.text, #text, p{  
    color:rgb(245, 51, 58)  
}
```

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, 51, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 51, 58) }
```

Border

The CSS property to change the border of an element to YUV 109.8040, -25.5394, 118.5669 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, 51, 58) }
```


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

```
.border{ border-color:rgb(245, 51, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 51, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 51, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 51, 58);  
box-shadow:4px 4px 4px 4px rgb(245, 51,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 109.8040, -25.5394, 118.5669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 51, 58) }
```

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

```
.background{ background-color: rgb(245, 51,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor