

Converting Colors

YUV(96.1540, -33.1069,
119.1369)

Have a look what the booklet for
YUV(96.1540, -33.1069, 119.1369)
contains.

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Color

**YUV(96.1540, -33.1069,
119.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	E8281D
RGB	232, 40, 29
RGB Percent	91%, 16%, 11%
CMY	0.0902, 0.8431, 0.8863
CMYK	0.00, 0.83, 0.88, 0.09
HSL	3°, 82%, 51%
HSV	3°, 88%, 91%
XYZ	34.2593, 18.7621, 2.9782
YIQ	96.1540, 117.9630, 37.2830

Conversions

Conversions Part 2

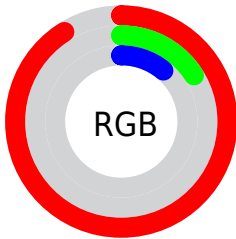
Format	Color
RYB	232, 41, 29
Decimal	15214621
CIELab	50.41, 69.60, 54.24
CIElCh	50, 88.234, 37.929
Yxy	18.7621, 0.6118, 0.3350
Android (android.graphics.Color)	4293404701 (0xFFE8281D)
YUV	96.1540, -33.1069, 119.1369
Hunter-Lab	43.3152, 65.3792, 26.2441

Details

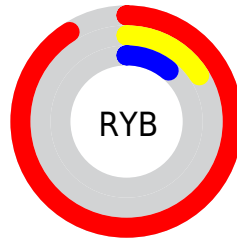
The YUV color **96.1540, -33.1069, 119.1369** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **164.8460, 33.1069, -119.1369**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2450, -34.6308, 94.5011**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **80.6180, -36.7867, 132.7620**, and if you desaturate by 10%, it is **111.6900, -29.4272, 105.5119**.

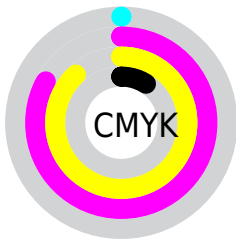
Distribution



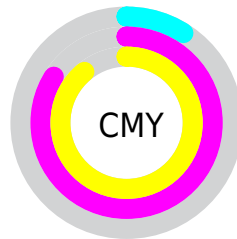
- Red (91%)
- Green (16%)
- Blue (11%)



- Red (91%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (88%)
- Black (9%)





- Cyan (9%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.1540, -33.1069, 119.1369 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 96.1540, -33.1069, 119.1369 by changing the saturation by 10% instead.


 96.1540, -33.1069,
119.1369


 96.1540, -33.1069,
119.1369


255.0000, 0.0000,
0.0000

 59.8430, -28.0236,
122.0407


 147.2450,
-34.6308, 94.5011


 49.9330, -24.6170,
102.6678


 167.1180,
-32.1032, 77.0725


 40.0660, -19.7525,
82.3801


 187.6920,
-29.4282, 59.0291

 30.6120, -14.5987,
62.6073

 207.6790,
-26.4637, 41.5005

 22.2830, -9.0135,
44.4788

 228.4810,
-22.9151, 23.2572

 12.3730, -5.6069,
25.1059

 249.2830,

 0.0000, 0.0000,

-19.3665, 5.0138

0.0000

■ 253.0620, -7.4256,
1.6996

■ 96.1540, -33.1069,
119.1369

■ 96.1540, -33.1069,
119.1369

■ 80.6180, -36.7867,
132.7620

■ 111.6900,
-29.4272, 105.5119

■ 76.9990, -37.9605,
135.9359

■ 127.2260,
-25.7474, 91.8868

■ 142.8760,
-21.6309, 78.1617

■ 158.4120,
-17.9511, 64.5367

■ 173.9480,
-14.2714, 50.9116

■ 189.4840,
-10.5916, 37.2865

■ 205.0200, -6.9119,
23.6615

■ 220.6700, -2.7953,
9.9364

■ 235.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



85.4100, 9.1649, 140.8374



96.1540, -33.1069, 119.1369



111.9880, -55.2101, 68.4165

Triad

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



96.1540, -33.1069, 119.1369



92.9010, -17.2062, -81.4742



101.8580, 75.4990, -89.3295

Complementary

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



96.1540, -33.1069, 119.1369



164.8460, 33.1069, -119.1369

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.



113.0110, 70.0006, -99.1106



96.1540, -33.1069, 119.1369



103.8960, 17.3063, -91.1168

Square

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



96.1540, -33.1069, 119.1369



91.1500, -44.9369, -53.6285



112.2180, 49.1925, -98.4152



120.4030, 59.4543, 17.1866

Rectangle

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



96.1540, -33.1069, 119.1369



113.2410, -55.8278, 33.1146



112.2180, 49.1925, -98.4152



106.5540, 73.1839, -93.4479

Sweetspot

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



96.1540, -33.1069, 119.1369



210.4950, -10.5970, 39.0309



111.6990, 54.3784, 105.5040



101.1340, -6.4751, 23.5615



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.



96.1540, -33.1069, 119.1369



84.4630, -41.6403, 149.5609



155.4410, -62.3354, 67.1422



107.1750, -2.0583, 6.8625



59.3910, -29.2798, 104.8971



17.0100, -8.3859, 29.8092

Inverse Universe

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



164.8460, 33.1069, -119.1369



170.5370, 41.6403, -149.5609



105.5590, 62.3354, -67.1422



110.8250, 2.0583, -6.8625



119.6090, 29.2798, -104.8971



33.9900, 8.3859, -29.8092

Previews

White Background



This preview shows how the YUV color 96.1540, -33.1069, 119.1369 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



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 96.1540, -33.1069, 119.1369

Background



This preview shows how black text looks on a background with the YUV color 96.1540, -33.1069, 119.1369.



This preview shows how white text looks on a background with the YUV color 96.1540, -33.1069,

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

96.1540, -33.1069, 119.1369

Protanopia

116.8640, -33.9500, 15.9053

Deuteranopia

112.3660, -55.3964, 34.7590



Tritanopia

96.4790, -29.3231, 118.8519

Trichromacy



Original Color

96.1540, -33.1069, 119.1369

Protanomaly

109.5080, -33.7744, 53.0515

Deuteranomaly

106.4420, -47.0529, 65.3874

Tritanomaly

96.1370, -30.6335, 119.1519

Monochromacy



Original Color

96.1540, -33.1069, 119.1369

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1750, -11.9183, 42.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1540, -33.1069, 119.1369 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(232, 40, 29)` looks like.

```
.text, #text, p{  
    color:rgb(232, 40, 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(232, 40, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 40, 29) }
```

Border

The CSS property to change the border of an element to YUV 96.1540, -33.1069, 119.1369 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(232, 40, 29) }
```


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

```
.border{ border-color:rgb(232, 40, 29) }
```

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

Here you see how a box with a 4 pixel rgb(232, 40, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 40, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 40, 29);  
box-shadow:4px 4px 4px 4px rgb(232, 40,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 96.1540, -33.1069, 119.1369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 40, 29) }
```

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

```
.background{ background-color: rgb(232, 40,  
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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