

Converting Colors

YUV(128.1580, -32.6159,
101.5934)

Have a look what the booklet for
YUV(128.1580, -32.6159, 101.5934)
contains.

YUV(128.1580, -32.6159, 101.5934)	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(128.1580, -32.6159,
101.5934)**

Conversions

Conversions Part 1

Format	Color
Hex	F4523E
RGB	244, 82, 62
RGB Percent	96%, 32%, 24%
CMY	0.0431, 0.6784, 0.7569
CMYK	0.00, 0.66, 0.75, 0.04
HSL	7°, 89%, 60%
HSV	7°, 75%, 96%
XYZ	41.1950, 25.6155, 7.3305
YIQ	128.1580, 102.9720, 28.1240

Conversions

Conversions Part 2

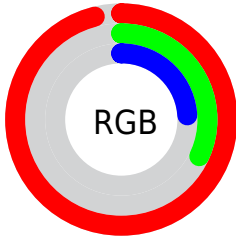
Format	Color
R_{YB}	244, 84, 62
Decimal	16011838
CIE _{Lab}	57.67, 60.85, 45.66
CIE _{LCh}	58, 76.070, 36.883
Yxy	25.6155, 0.5556, 0.3455
Android (android.graphics.Color)	4294201918 (0xFFFF4523E)
YUV	128.1580, -32.6159, 101.5934
Hunter-Lab	50.6117, 56.7181, 26.8408

Details

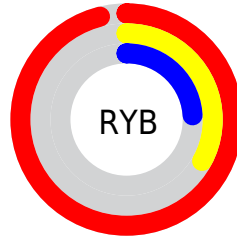
The YUV color **128.1580, -32.6159, 101.5934** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **177.8420, 32.6159, -101.5934**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4920, -29.3296, 74.1135**, and **60.9270, -22.1490, 104.4270** is the 20% darker color. If you saturate the color by 10%, you get **112.5080, -36.7324, 115.3185**, and if you desaturate by 10%, it is **143.8080, -28.4993, 87.8684**.

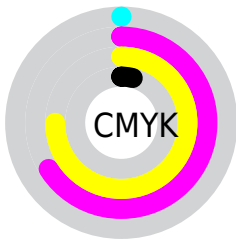
Distribution



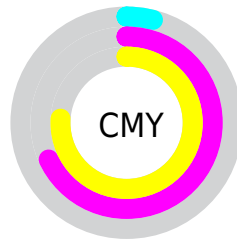
- Red (96%)
- Green (32%)
- Blue (24%)



- Red (96%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.1580, -32.6159, 101.5934 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 128.1580, -32.6159, 101.5934 by changing the saturation by 10% instead.


 128.1580,
-32.6159, 101.5934


 128.1580,
-32.6159, 101.5934


255.0000, 0.0000,
0.0000


 98.3580, -29.2635,
99.6640


 170.4920,
-29.3296, 74.1135

 60.9270, -22.1490,
104.4270


 189.8920,
-26.0758, 57.0997

 44.2520, -21.8162,
90.9870


 209.8790,
-23.1113, 39.5711

 34.9830, -17.2466,
71.9289

 230.0940,
-19.2733, 21.8426

 25.7140, -12.6770,
52.8708

 250.8960,
-15.7247, 3.5992

 17.5700, -7.6760,
35.4571

 254.0880, -3.4944,

 5.3820, -2.6533,

0.7998

11.0660

■ 0.0000, 0.0000,
0.0000

■ 128.1580,
-32.6159, 101.5934

■ 128.1580,
-32.6159, 101.5934

■ 112.5080,
-36.7324, 115.3185

■ 143.8080,
-28.4993, 87.8684

■ 97.3310, -41.5752,
128.6287


■ 158.9850,
-23.6566, 74.5582

■ 88.8050, -43.7809,
136.1060


■ 174.6350,
-19.5401, 60.8331

■ 190.3990,
-14.9867, 47.0081

■ 206.0490,
-10.8702, 33.2830

 221.1120, -6.4642,
20.0728

 236.8760, -1.9109,
6.2477

 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



124.3560, 0.8105, 113.6978



128.1580, -32.6159, 101.5934



129.3980, -63.7932, 68.0570

Triad

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



128.1580, -32.6159, 101.5934



106.3170, -11.4953, -93.2400



112.4240, 70.2900, -98.5958

Complementary

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



128.1580, -32.6159, 101.5934



177.8420, 32.6159, -101.5934

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.



122.4030, 65.3703, -107.3474



128.1580, -32.6159, 101.5934



116.0580, 18.2124, -101.7829

Square

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



128.1580, -32.6159, 101.5934



115.7910, -57.0850, -30.5117



122.7670, 46.4569, -107.6667



141.3180, 51.6082, 13.7531

Rectangle

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



128.1580, -32.6159, 101.5934



129.7980, -63.9904, 37.8882



122.7670, 46.4569, -107.6667



116.5330, 68.2642, -102.1994

Sweetspot

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



128.1580, -32.6159, 101.5934



219.2660, -9.9911, 31.3387



135.1140, 44.8068, 95.4930



106.5140, -6.1694, 18.8432



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.



128.1580, -32.6159, 101.5934



109.0320, -41.4278, 128.0139



180.4010, -58.3717, 55.7763



114.7620, -2.3477, 6.3477



67.3540, -33.2055, 104.0525



21.1630, -10.4334, 33.1830

Inverse Universe

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



177.8420, 32.6159, -101.5934



171.5550, 41.1384, -128.5287



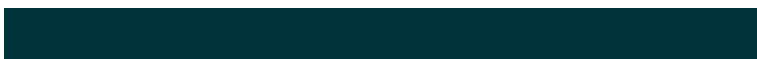
125.5990, 58.3717, -55.7763



117.8250, 2.0583, -6.8625



118.6460, 33.2055, -104.0525



37.2500, 10.7227, -32.6683

Previews

White Background



This preview shows how the YUV color 128.1580, -32.6159, 101.5934 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 128.1580, -32.6159, 101.5934 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 128.1580, -32.6159, 101.5934 Background



This preview shows how black text looks on a background with the YUV color 128.1580, -32.6159, 101.5934.



This preview shows how white text looks on a background with the YUV color 128.1580, -32.6159, 101.5934.

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

128.1580, -32.6159, 101.5934

Protanopia

136.1610, -27.6874, 13.8908

Deuteranopia

135.0250, -41.4243, 33.3041



Tritanopia

129.0900, -22.7224, 101.6531

Trichromacy



Original Color

128.1580, -32.6159, 101.5934

Protanomaly

132.9030, -29.5322, 45.6891

Deuteranomaly

132.6890, -38.3007, 58.1547

Tritanomaly

128.7650, -26.5061, 101.9381

Monochromacy



Original Color

128.1580, -32.6159, 101.5934

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8430, -11.7546, 36.9717

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1580, -32.6159, 101.5934 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(244, 82, 62)` looks like.

```
.text, #text, p{  
    color:rgb(244, 82, 62)  
}
```

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(244, 82, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 82, 62) }
```

Border

The CSS property to change the border of an element to YUV 128.1580, -32.6159, 101.5934 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(244, 82, 62) }
```


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

```
.border{ border-color:rgb(244, 82, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 82, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 82, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 82, 62);  
box-shadow:4px 4px 4px 4px rgb(244, 82,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 128.1580, -32.6159, 101.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 82, 62) }
```

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

```
.background{ background-color: rgb(244, 82,  
62) }
```

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