

Converting Colors

YUV(105.4080, -28.3021,
118.0372)

Have a look what the booklet for
YUV(105.4080, -28.3021, 118.0372)
contains.

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Color

**YUV(105.4080, -28.3021,
118.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	F03030
RGB	240, 48, 48
RGB Percent	94%, 19%, 19%
CMY	0.0588, 0.8118, 0.8118
CMYK	0.00, 0.80, 0.80, 0.06
HSL	0°, 86%, 56%
HSV	0°, 80%, 94%
XYZ	37.5256, 20.8526, 4.8434
YIQ	105.4080, 114.4320, 40.7040

Conversions

Conversions Part 2

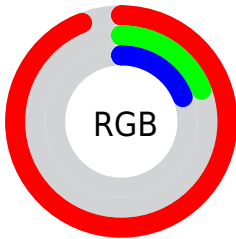
Format	Color
R_{YB}	240, 48, 48
Decimal	15740976
CIE _{Lab}	52.79, 70.30, 47.74
CIE _{LCh}	53, 84.979, 34.176
Yxy	20.8526, 0.5936, 0.3298
Android (android.graphics.Color)	4293931056 (0xFFFF03030)
YUV	105.4080, -28.3021, 118.0372
Hunter-Lab	45.6646, 66.7722, 25.6766

Details

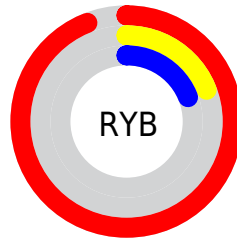
The YUV color **105.4080, -28.3021, 118.0372** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **182.5920, 28.3021, -118.0372**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9330, -28.0680, 89.5128**, and **52.5530, -24.9226, 107.3860** is the 20% darker color. If you saturate the color by 10%, you get **88.5840, -31.8399, 132.7918**, and if you desaturate by 10%, it is **122.2320, -24.7644, 103.2825**.

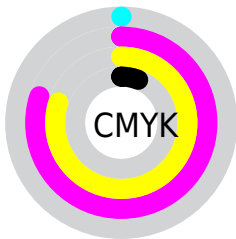
Distribution



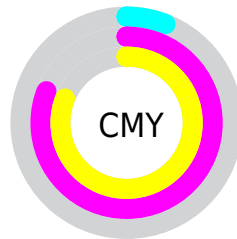
- Red (94%)
- Green (19%)
- Blue (19%)



- Red (94%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (6%)





- Cyan (6%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.4080, -28.3021, 118.0372 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 105.4080, -28.3021, 118.0372 by changing the saturation by 10% instead.


 105.4080,
-28.3021, 118.0372


 105.4080,
-28.3021, 118.0372


255.0000, 0.0000,
0.0000

 64.7430, -19.5933,
124.7594


 152.9330,
-28.0680, 89.5128


 52.5530, -24.9226,
107.3860


 173.3930,
-25.8297, 71.5693


 42.7570, -21.0792,
87.9131


 193.3800,
-22.8653, 54.0407

 33.1890, -16.3622,
68.2402

 214.0680,
-19.7535, 35.8974

 24.2620, -10.4822,
48.8822

 234.1690,
-16.3523, 18.2688

 14.8790, -6.3493,
29.9241

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 105.4080,
-28.3021, 118.0372

■ 105.4080,
-28.3021, 118.0372

■ 88.5840, -31.8399,
132.7918

■ 122.2320,
-24.7644, 103.2825

■ 71.7600, -35.3777,
147.5465

■ 139.0560,
-21.2266, 88.5279

■ 155.8800,
-17.6888, 73.7732

■ 172.7040,
-14.1511, 59.0186

■ 189.5280,
-10.6133, 44.2639

■ 206.3520, -7.0755,
29.5093

223.1760, -3.5378,
14.7546

240.0000, 0.0000,
0.0000

250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



88.0170, 15.2746, 141.1821



105.4080, -28.3021, 118.0372



117.3370, -57.8471, 74.2495

Triad

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



105.4080, -28.3021, 118.0372



95.6080, -19.5267, -83.8482



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.



105.4080, -28.3021, 118.0372



182.5920, 28.3021, -118.0372

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.



117.1200, 67.9748, -102.7142



105.4080, -28.3021, 118.0372



106.9620, 13.8227, -93.8057

Square

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



105.4080, -28.3021, 118.0372



103.6640, -51.1064, -34.7853



115.1700, 45.2722, -101.0041



126.2550, 60.5133, 4.1614

Rectangle

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



105.4080, -28.3021, 118.0372



118.6010, -58.4703, 40.6919



115.1700, 45.2722, -101.0041



111.2500, 70.8688, -97.5662

Sweetspot

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



105.4080, -28.3021, 118.0372



212.2390, -8.9918, 37.5014



127.2960, 55.5631, 98.8414



102.0630, -5.4541, 22.7467



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.



105.4080, -28.3021, 118.0372



83.2550, -36.1147, 150.6204



161.7600, -56.0837, 68.6165



111.5880, -1.7689, 7.3773



55.0160, -27.1229, 113.1190



16.7440, -8.2548, 34.4275

Inverse Universe

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



182.5920, 28.3021, -118.0372



181.7450, 36.1147, -150.6204



126.2400, 56.0837, -68.6165



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Previews

White Background



This preview shows how the YUV color 105.4080, -28.3021, 118.0372 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 105.4080, -28.3021, 118.0372 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 105.4080, -28.3021, 118.0372 Background



This preview shows how black text looks on a background with the YUV color 105.4080, -28.3021, 118.0372.



This preview shows how white text looks on a background with the YUV color 105.4080, -28.3021, 118.0372.

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

105.4080, -28.3021, 118.0372

Protanopia

124.0900, -26.6664, 13.0761

Deuteranopia

121.5150, -44.6239, 32.8743



Tritanopia

105.4080, -28.3021, 118.0372

Trichromacy



Original Color

105.4080, -28.3021, 118.0372

Protanomaly

117.2180, -27.2225, 51.5518

Deuteranomaly

115.6080, -38.7537, 63.4878

Tritanomaly

105.4080, -28.3021, 118.0372

Monochromacy



Original Color

105.4080, -28.3021, 118.0372

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9300, -10.3185, 43.0344

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.4080, -28.3021, 118.0372 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(240, 48, 48)` looks like.

```
.text, #text, p{  
    color:rgb(240, 48, 48)  
}
```

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(240, 48, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 48, 48) }
```

Border

The CSS property to change the border of an element to YUV 105.4080, -28.3021, 118.0372 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(240, 48, 48) }
```


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

```
.border{ border-color:rgb(240, 48, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 48, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 48, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 48, 48);  
box-shadow:4px 4px 4px 4px rgb(240, 48,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 105.4080, -28.3021, 118.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 48, 48) }
```

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

```
.background{ background-color: rgb(240, 48,  
48) }
```

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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