

Converting Colors

YUV(102.3680, -27.7894,
93.5163)

Have a look what the booklet for
YUV(102.3680, -27.7894, 93.5163)
contains.

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Color

**YUV(102.3680, -27.7894,
93.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	D13B2E
RGB	209, 59, 46
RGB Percent	82%, 23%, 18%
CMY	0.1804, 0.7686, 0.8196
CMYK	0.00, 0.72, 0.78, 0.18
HSL	5°, 64%, 50%
HSV	5°, 78%, 82%
XYZ	28.3516, 16.8805, 4.3487
YIQ	102.3680, 93.5730, 27.7570

Conversions

Conversions Part 2

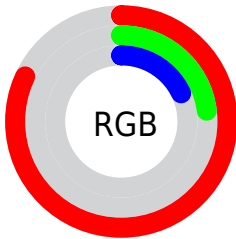
Format	Color
RYB	209, 60, 46
Decimal	13712174
CIELab	48.11, 57.75, 42.17
CIElCh	48, 71.505, 36.138
Yxy	16.8805, 0.5718, 0.3405
Android (android.graphics.Color)	4291902254 (0xFFD13B2E)
YUV	102.3680, -27.7894, 93.5163
Hunter-Lab	41.0859, 51.2749, 22.4846

Details

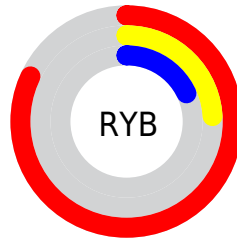
The YUV color **102.3680, -27.7894, 93.5163** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **152.6320, 27.7894, -93.5163**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9390, -30.5359, 87.7535**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **88.8210, -31.4638, 105.3970**, and if you desaturate by 10%, it is **115.9150, -24.1151, 81.6355**.

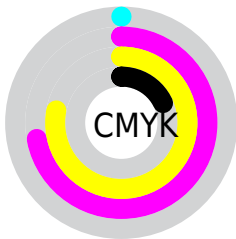
Distribution



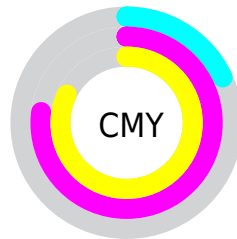
- Red (82%)
- Green (23%)
- Blue (18%)



- Red (82%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (72%)
- Yellow (78%)
- Black (18%)



- Cyan (18%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.3680, -27.7894, 93.5163 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 102.3680, -27.7894, 93.5163 by changing the saturation by 10% instead.

■ 102.3680,
-27.7894, 93.5163

■ 102.3680,
-27.7894, 93.5163

■ 255.0000, 0.0000,
0.0000

■ 70.3340, -22.8427,
93.5461

■ 154.9390,
-30.5359, 87.7535

■ 43.6540, -21.5214,
89.7574

■ 174.2250,
-27.7189, 70.8397

■ 34.3850, -16.9518,
70.6994

■ 193.6250,
-24.4651, 53.8259

■ 25.4150, -12.5296,
52.2560

■ 213.7260,
-21.0639, 36.1973

■ 17.2710, -7.5286,
34.8423

■ 233.9410,
-17.2259, 18.4687

■ 4.7840, -2.3585,
9.8364

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 102.3680,
-27.7894, 93.5163

■ 102.3680,
-27.7894, 93.5163

■ 88.8210, -31.4638,
105.3970

■ 115.9150,
-24.1151, 81.6355

■ 75.2740, -35.1381,
117.2777

■ 129.4620,
-20.4408, 69.7548

■ 72.4700, -35.7277,
119.7368

■ 143.5960,
-17.0558, 57.3593

■ 157.1430,
-13.3815, 45.4786

■ 170.6900, -9.7072,
33.5979

■ 184.1230, -6.4696,
21.8171

■ 198.2570, -3.0847,
9.4216

■ 211.8040, 0.5896,
-2.4591

■ 225.3510, 4.2640,
-14.3398

Harmonies

Analogous

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



95.3490, 4.7579, 107.5649



102.3680, -27.7894, 93.5163



106.6280, -52.5676, 60.8392

Triad

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



102.3680, -27.7894, 93.5163



87.4870, -12.5651, -76.7261



96.1700, 68.9362, -84.3411

Complementary

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



102.3680, -27.7894, 93.5163



152.6320, 27.7894, -93.5163

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.



103.7210, 59.7905, -90.9633



102.3680, -27.7894, 93.5163



96.4300, 14.0850, -84.5691

Square

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



102.3680, -27.7894, 93.5163



94.5490, -46.6127, -29.4225



102.5690, 40.1455, -89.9530



115.6720, 47.9827, 9.9347

Rectangle

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



102.3680, -27.7894, 93.5163



107.3380, -52.9176, 33.0296



102.5690, 40.1455, -89.9530



99.6920, 67.1998, -87.4299

Sweetspot

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



102.3680, -27.7894, 93.5163



216.5760, -10.1440, 33.6978



112.0650, 42.3660, 85.0120



104.5250, -6.1748, 20.5876



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.



102.3680, -27.7894, 93.5163



97.9130, -40.8761, 137.7653



148.7410, -50.6513, 52.8471



97.8760, -1.9109, 6.2477



57.8630, -28.5265, 96.5901



14.0200, -6.9119, 23.6615

Inverse Universe

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



152.6320, 27.7894, -93.5163



172.0870, 40.8761, -137.7653



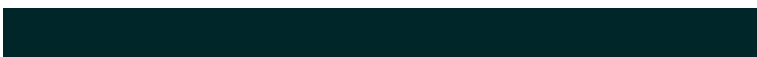
106.2590, 50.6513, -52.8471



101.1240, 1.9109, -6.2477



110.1370, 28.5265, -96.5901



26.9800, 6.9119, -23.6615

Previews

White Background



This preview shows how the YUV color 102.3680, -27.7894, 93.5163 looks on a white 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

Black Background



This preview shows how the YUV color 102.3680, -27.7894, 93.5163 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.3680, -27.7894, 93.5163

Background



This preview shows how black text looks on a background with the YUV color 102.3680, -27.7894, 93.5163.



This preview shows how white text looks on a background with the YUV color 102.3680, -27.7894,

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

102.3680, -27.7894, 93.5163

Protanopia

112.3610, -24.3350, 11.9614

Deuteranopia

110.9150, -37.9191, 29.0155



Tritanopia

102.6760, -21.5323, 93.2461

Trichromacy



Original Color

102.3680, -27.7894, 93.5163

Protanomaly

108.9070, -25.5902, 41.3006

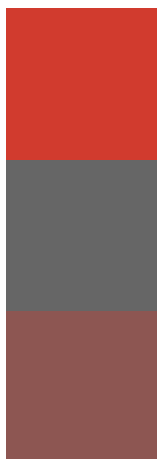
Deuteranomaly

107.9810, -34.5006, 52.6367

Tritanomaly

102.6930, -24.0056, 93.2312

Monochromacy



Original Color

102.3680, -27.7894, 93.5163

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9890, -9.8546, 34.2126

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.3680, -27.7894, 93.5163 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(209, 59, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 59, 46)  
}
```

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(209, 59, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 59, 46) }
```

Border

The CSS property to change the border of an element to YUV 102.3680, -27.7894, 93.5163 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(209, 59, 46) }
```


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

```
.border{ border-color:rgb(209, 59, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 59, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 59, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 59, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 59,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 102.3680, -27.7894, 93.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 59, 46) }
```

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

```
.background{ background-color: rgb(209, 59,  
46) }
```

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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