

Converting Colors

YUV(106.6340, -24.4696,
102.0530)

Have a look what the booklet for
YUV(106.6340, -24.4696, 102.0530)
contains.

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Color

**YUV(106.6340, -24.4696,
102.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	DF3939
RGB	223, 57, 57
RGB Percent	87%, 22%, 22%
CMY	0.1255, 0.7765, 0.7765
CMYK	0.00, 0.74, 0.74, 0.13
HSL	0°, 72%, 55%
HSV	0°, 74%, 87%
XYZ	32.6331, 18.9096, 5.8009
YIQ	106.6340, 98.9360, 35.1920

Conversions

Conversions Part 2

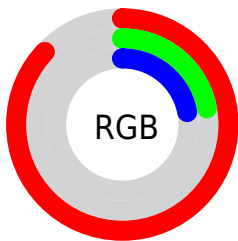
Format	Color
RYB	223, 57, 57
Decimal	14629177
CIELab	50.58, 63.13, 39.54
CIElCh	51, 74.487, 32.061
Yxy	18.9096, 0.5691, 0.3298
Android (android.graphics.Color)	4292819257 (0xFFDF3939)
YUV	106.6340, -24.4696, 102.0530
Hunter-Lab	43.4852, 57.8545, 22.5304

Details

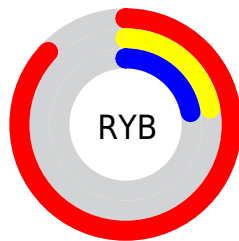
The YUV color **106.6340, -24.4696, 102.0530** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **173.3660, 24.4696, -102.0530**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3070, -25.2944, 86.5538**, and **49.1370, -17.3225, 96.3499** is the 20% darker color. If you saturate the color by 10%, you get **91.2120, -27.7125, 115.5781**, and if you desaturate by 10%, it is **122.0560, -21.2266, 88.5279**.

Distribution



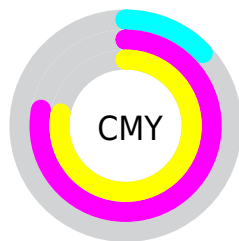
- Red (87%)
- Green (22%)
- Blue (22%)



- Red (87%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (13%)





- Cyan (13%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6340, -24.4696, 102.0530 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 106.6340, -24.4696, 102.0530 by changing the saturation by 10% instead.


 106.6340,
-24.4696, 102.0530


 106.6340,
-24.4696, 102.0530


255.0000, 0.0000,
0.0000


 71.0780, -17.7865,
105.1716


 156.3070,
-25.2944, 86.5538


 49.1370, -17.3225,
96.3499


 176.1800,
-22.7667, 69.1251


 38.2720, -18.8681,
78.6915


 196.1670,
-19.8023, 51.5965

 29.0030, -14.2985,
59.6334

 216.2680,
-16.4011, 33.9680

 20.9730, -8.8607,
42.1197

 236.4830,
-12.5631, 16.2394

 10.8780, -4.8699,
22.0320

 253.1760, -6.9888,

 0.0000, 0.0000,

1.5996

0.0000

■ 106.6340,
-24.4696, 102.0530

■ 106.6340,
-24.4696, 102.0530

■ 91.2120, -27.7125,
115.5781

■ 122.0560,
-21.2266, 88.5279

■ 75.0890, -31.1029,
129.7179

■ 138.1790,
-17.8362, 74.3880

■ 66.6770, -32.8718,
137.0953

■ 153.6010,
-14.5933, 60.8629

■ 169.0230,
-11.3503, 47.3378

■ 185.1460, -7.9600,
33.1980

■ 200.5680, -4.7170,
19.6729

■ 215.9900, -1.4741,
6.1478

■ 231.4120, 1.7689,
-7.3773

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



101.1090, 8.8203, 111.2834



106.6340, -24.4696, 102.0530



111.7000, -55.0681, 69.5461

Triad

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



106.6340, -24.4696, 102.0530



90.9120, -17.2116, -79.7298



102.9350, 72.0100, -90.2740

Complementary

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



106.6340, -24.4696, 102.0530



173.3660, 24.4696, -102.0530

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.



109.9160, 60.6804, -96.3963



106.6340, -24.4696, 102.0530



100.3110, 11.1857, -87.9727

Square

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



106.6340, -24.4696, 102.0530



102.2680, -50.4181, -22.1600



107.6070, 39.1407, -94.3713



120.9740, 53.2568, -1.7312

Rectangle

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



106.6340, -24.4696, 102.0530



113.5840, -55.9969, 40.7068



107.6070, 39.1407, -94.3713



106.9300, 69.5475, -93.7776

Sweetspot

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



106.6340, -24.4696, 102.0530



215.7440, -8.2548, 34.4275



125.5580, 48.0389, 85.4566



104.1660, -5.0118, 20.9024



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.



106.6340, -24.4696, 102.0530



95.8730, -33.4614, 139.5544



155.3550, -48.4890, 59.3247



104.2890, -1.6215, 6.7625



52.6240, -25.9436, 108.2008



14.3520, -7.0755, 29.5093

Inverse Universe

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



173.3660, 24.4696, -102.0530



187.1270, 33.4614, -139.5544



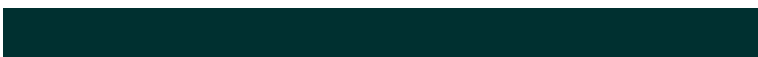
124.6450, 48.4890, -59.3247



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Previews

White Background



This preview shows how the YUV color 106.6340, -24.4696, 102.0530 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 106.6340, -24.4696, 102.0530 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 106.6340, -24.4696, 102.0530 Background



This preview shows how black text looks on a background with the YUV color 106.6340, -24.4696, 102.0530.



This preview shows how white text looks on a background with the YUV color 106.6340, -24.4696, 102.0530.

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

106.6340, -24.4696, 102.0530

Protanopia

119.3870, -20.4038, 11.0616

Deuteranopia

117.8980, -35.4457, 29.0305



Tritanopia

106.8620, -23.5960, 101.8530

Trichromacy



Original Color

106.6340, -24.4696, 102.0530

Protanomaly

114.8410, -22.1066, 43.9894

Deuteranomaly

113.8010, -31.4539, 55.4255

Tritanomaly

106.7480, -24.0328, 101.9530

Monochromacy



Original Color

106.6340, -24.4696, 102.0530

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6340, -24.4696, 102.0530 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(223, 57, 57)` looks like.

```
.text, #text, p{  
    color:rgb(223, 57, 57)  
}
```

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(223, 57, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 57, 57) }
```

Border

The CSS property to change the border of an element to YUV 106.6340, -24.4696, 102.0530 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(223, 57, 57) }
```


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

```
.border{ border-color:rgb(223, 57, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 57, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 57, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 57, 57);  
box-shadow:4px 4px 4px 4px rgb(223, 57,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 106.6340, -24.4696, 102.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 57, 57) }
```

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

```
.background{ background-color: rgb(223, 57,  
57) }
```

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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