

Converting Colors

YUV(96.9230, -26.0910,
108.8155)

Have a look what the booklet for
YUV(96.9230, -26.0910, 108.8155)
contains.

| | |
|--|----|
| YUV(96.9230, -26.0910, 108.8155) | 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(96.9230, -26.0910,
108.8155)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DD2C2C |
| RGB | 221, 44, 44 |
| RGB Percent | 87%, 17%, 17% |
| CMY | 0.1333, 0.8275, 0.8275 |
| CMYK | 0.00, 0.80, 0.80, 0.13 |
| HSL | 0°, 72%, 52% |
| HSV | 0°, 80%, 87% |
| XYZ | 31.1741, 17.3554, 4.0897 |
| YIQ | 96.9230, 105.4920, 37.5240 |

Conversions

Conversions Part 2

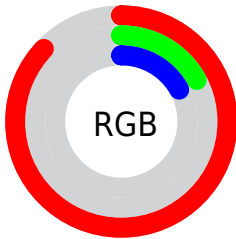
| Format | Color |
|-------------------------------------|---|
| RYB | 221, 44, 44 |
| Decimal | 14494764 |
| CIELab | 48.70, 65.92, 44.58 |
| CIELCh | 49, 79.577, 34.071 |
| Yxy | 17.3554, 0.5924, 0.3298 |
| Android (android.graphics.Color) | 4292684844 (0xFFDD2C2C) |
| YUV | 96.9230, -26.0910, 108.8155 |
| Hunter-Lab | 41.6598, 60.6673, 23.3413 |

Details

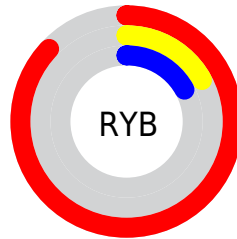
The YUV color **96.9230, -26.0910, 108.8155** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **168.0770, 26.0910, -108.8155**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4280, -28.8050, 92.5866**, and **46.9430, -23.1429, 96.5200** is the 20% darker color. If you saturate the color by 10%, you get **81.5010, -29.3340, 122.3406**, and if you desaturate by 10%, it is **112.3450, -22.8481, 95.2904**.

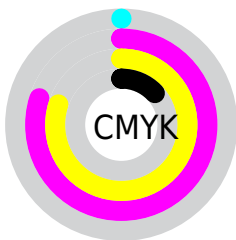
Distribution



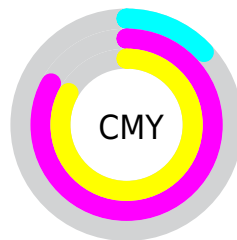
- Red (87%)
- Green (17%)
- Blue (17%)



- Red (87%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (13%)





- Cyan (13%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.9230, -26.0910, 108.8155 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 96.9230, -26.0910, 108.8155 by changing the saturation by 10% instead.


 96.9230, -26.0910,
108.8155


 96.9230, -26.0910,
108.8155


255.0000, 0.0000,
0.0000


 59.0190, -18.2504,
113.9933


 149.4280,
-28.8050, 92.5866

 46.9430, -23.1429,
96.5200


 169.3010,
-26.2774, 75.1580

 37.3750, -18.4259,
76.8471


 189.2880,
-23.3130, 57.6294

 28.2200, -13.4195,
57.6891

 209.3890,
-19.9118, 40.0008

 19.7770, -8.2711,
39.6606

 229.4900,
-16.5106, 22.3723

 9.3830, -4.1328,
18.9581

 250.2920,

 0.0000, 0.0000,

-12.9620, 4.1289

0.0000

254.7720, -0.8736,
0.2000

■ 96.9230, -26.0910,
108.8155

■ 96.9230, -26.0910,
108.8155

■ 81.5010, -29.3340,
122.3406

■ 112.3450,
-22.8481, 95.2904

■ 66.0790, -32.5769,
135.8657

■ 127.7670,
-19.6051, 81.7653

■ 143.1890,
-16.3622, 68.2402

■ 158.6110,
-13.1192, 54.7152

■ 174.7340, -9.7289,
40.5753

■ 190.1560, -6.4859,
27.0502

■ 205.5780, -3.2430,
13.5251

■ 221.0000, 0.0000,
0.0000

■ 236.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



81.0110, 14.2916, 129.7864



96.9230, -26.0910, 108.8155



107.2700, -52.8841, 69.0462

Triad

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



96.9230, -26.0910, 108.8155



87.9940, -18.2380, -77.1707



100.3420, 74.7674, -87.9999

Complementary

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



96.9230, -26.0910, 108.8155



168.0770, 26.0910, -108.8155

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.



108.1380, 64.0220, -94.8370



96.9230, -26.0910, 108.8155



97.9630, 12.3432, -85.9136

Square

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



96.9230, -26.0910, 108.8155



95.1250, -46.8966, -31.6816



105.6010, 41.6087, -92.6121



115.9900, 55.7139, 3.5168

Rectangle

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



96.9230, -26.0910, 108.8155



108.8440, -53.6601, 37.8478



105.6010, 41.6087, -92.6121



104.4510, 72.7417, -91.6035

Sweetspot

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



96.9230, -26.0910, 108.8155



212.2390, -8.9918, 37.5014



117.1010, 51.2222, 91.1194



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.



96.9230, -26.0910, 108.8155



83.2550, -36.1147, 150.6204



149.1660, -51.8468, 62.9984



102.2890, -1.6215, 6.7625



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

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



168.0770, 26.0910, -108.8155



181.7450, 36.1147, -150.6204



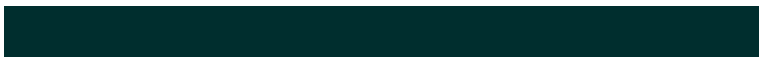
116.4210, 51.5574, -63.5132



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 96.9230, -26.0910, 108.8155 looks on a white background.

Color Contrast Check

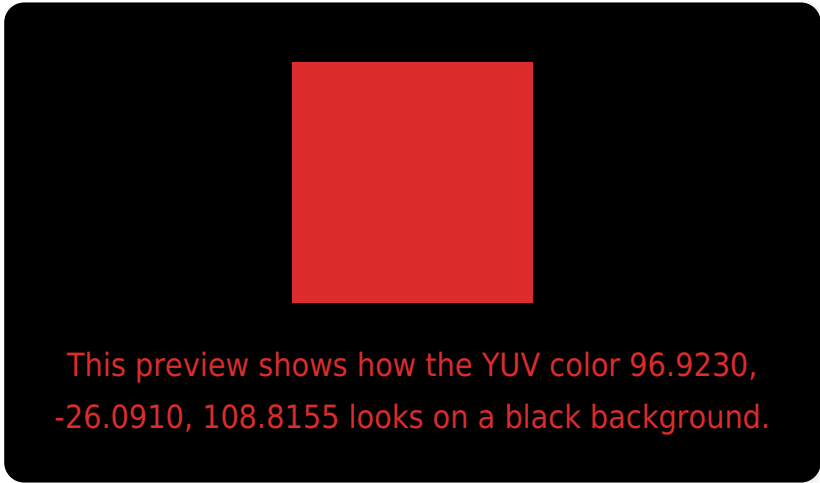
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 96.9230, -26.0910, 108.8155

Background



This preview shows how black text looks on a background with the YUV color 96.9230, -26.0910, 108.8155.



This preview shows how white text looks on a background with the YUV color 96.9230, -26.0910,

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

96.9230, -26.0910, 108.8155

Protanopia

114.2470, -24.7718, 12.0614

Deuteranopia

111.5300, -40.6873, 30.2302



Tritanopia

96.9230, -26.0910, 108.8155

Trichromacy



Original Color

96.9230, -26.0910, 108.8155

Protanomaly

107.7660, -25.0276, 47.5632

Deuteranomaly

106.0850, -35.5379, 58.6845

Tritanomaly

96.9230, -26.0910, 108.8155

Monochromacy



Original Color

96.9230, -26.0910, 108.8155

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1360, -9.4340, 39.3457

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9230, -26.0910, 108.8155 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(221, 44, 44)` looks like.

```
.text, #text, p{  
    color:rgb(221, 44, 44)  
}
```

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(221, 44, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 44, 44) }
```

Border

The CSS property to change the border of an element to YUV 96.9230, -26.0910, 108.8155 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(221, 44, 44) }
```


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

```
.border{ border-color:rgb(221, 44, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 44, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 44, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 44, 44);  
box-shadow:4px 4px 4px 4px rgb(221, 44,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 96.9230, -26.0910, 108.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 44, 44) }
```

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

```
.background{ background-color: rgb(221, 44,  
44) }
```

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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