

Converting Colors

YUV(100.7050, -25.4906,
102.8677)

Have a look what the booklet for
YUV(100.7050, -25.4906, 102.8677)
contains.

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Color

**YUV(100.7050, -25.4906,
102.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	DA3331
RGB	218, 51, 49
RGB Percent	85%, 20%, 19%
CMY	0.1451, 0.8000, 0.8078
CMYK	0.00, 0.77, 0.78, 0.15
HSL	1°, 70%, 52%
HSV	1°, 78%, 85%
XYZ	30.6516, 17.4948, 4.6670
YIQ	100.7050, 100.1740, 34.7820

Conversions

Conversions Part 2

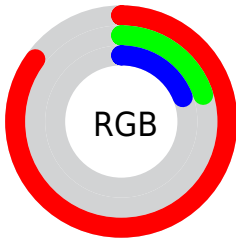
Format	Color
R _Y B	218, 51, 49
Decimal	14299953
CIE Lab	48.88, 63.24, 41.86
CIE LCh	49, 75.837, 33.506
Yxy	17.4948, 0.5804, 0.3313
Android (android.graphics.Color)	4292490033 (0xFFDA3331)
YUV	100.7050, -25.4906, 102.8677
Hunter-Lab	41.8268, 57.6119, 22.6632

Details

The YUV color **100.7050, -25.4906, 102.8677** 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 **166.2950, 25.4906, -102.8677**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3460, -27.7786, 90.0276**, and **46.5020, -20.9535, 94.2757** is the 20% darker color. If you saturate the color by 10%, you get **85.2830, -28.7335, 116.3928**, and if you desaturate by 10%, it is **116.1270, -22.2476, 89.3426**.

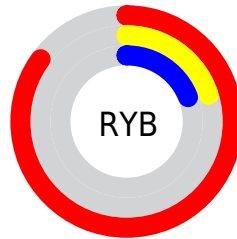
Distribution



Red (85%)

Green (20%)

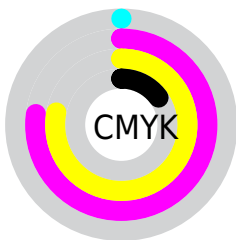
Blue (19%)



Red (85%)

Yellow (20%)

Blue (19%)

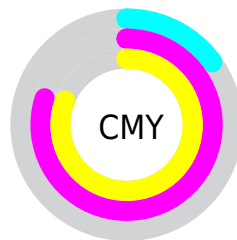


Cyan (0%)

Magenta (77%)

Yellow (78%)

Black (15%)



Cyan (15%)

Magenta (80%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7050, -25.4906, 102.8677 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 100.7050, -25.4906, 102.8677 by changing the saturation by 10% instead.

■ 100.7050,
-25.4906, 102.8677

■ 100.7050,
-25.4906, 102.8677

255.0000, 0.0000,
0.0000

■ 60.4530, -16.4923,
110.1047

■ 152.3460,
-27.7786, 90.0276

■ 46.5020, -20.9535,
94.2757

■ 172.2190,
-25.2510, 72.5989

■ 36.7770, -18.1311,
75.6176

■ 191.6190,
-21.9972, 55.5851

■ 27.5080, -13.5614,
56.5595

■ 211.7200,
-18.5960, 37.9566

■ 19.4780, -8.1237,
39.0458

■ 232.5220,
-15.0473, 19.7132

■ 8.7850, -3.8380,
17.7286

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 100.7050,
-25.4906, 102.8677

■ 100.7050,
-25.4906, 102.8677

■ 85.2830, -28.7335,
116.3928

■ 116.1270,
-22.2476, 89.3426

■ 70.4480, -32.2659,
129.4031

■ 130.9620,
-18.7153, 76.3323

■ 66.9430, -33.0029,
132.4770

■ 146.2700,
-15.9091, 62.9072

■ 161.1050,
-12.3768, 49.8969

■ 176.5270, -9.1338,
36.3718

■ 191.3620, -5.6015,
23.3615

■ 206.7840, -2.3585,
9.8364

■ 221.5050, 0.7370,
-3.0739

■ 236.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



88.2610, 11.7033, 119.9201



100.7050, -25.4906, 102.8677



108.1450, -53.3155, 67.4018

Triad

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



100.7050, -25.4906, 102.8677



88.3360, -16.9276, -77.4707



99.6580, 72.1466, -87.4001

Complementary

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



100.7050, -25.4906, 102.8677



166.2950, 25.4906, -102.8677

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.



106.8670, 61.6906, -93.7224



100.7050, -25.4906, 102.8677



97.8490, 11.9064, -85.8136

Square

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



100.7050, -25.4906, 102.8677



97.2180, -47.9285, -27.3782



105.1450, 39.8615, -92.2122



116.9960, 53.2460, 1.7575

Rectangle

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



100.7050, -25.4906, 102.8677



109.7300, -54.0969, 37.9478



105.1450, 39.8615, -92.2122



103.6530, 69.6841, -90.9037

Sweetspot

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



100.7050, -25.4906, 102.8677



214.2280, -8.9864, 35.7570



118.7970, 48.9071, 87.0010



102.7640, -5.3067, 22.1320



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.



100.7050, -25.4906, 102.8677



90.6240, -35.8036, 144.1578



148.8390, -49.2206, 60.6542



102.2890, -1.6215, 6.7625



52.9010, -26.0802, 105.3268



14.3410, -7.0701, 27.7649

Inverse Universe

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



166.2950, 25.4906, -102.8677



182.3760, 35.8036, -144.1578



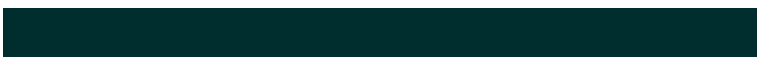
117.5740, 49.5100, -60.1394



106.7110, 1.6215, -6.7625



120.0990, 26.0802, -105.3268



31.6590, 7.0701, -27.7649

Previews

White Background



This preview shows how the YUV color 100.7050, -25.4906, 102.8677 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 100.7050, -25.4906, 102.8677 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 100.7050, -25.4906, 102.8677 Background



This preview shows how black text looks on a background with the YUV color 100.7050, -25.4906, 102.8677.



This preview shows how white text looks on a background with the YUV color 100.7050, -25.4906, 102.8677.

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

100.7050, -25.4906, 102.8677

Protanopia

114.8170, -22.5878, 11.5615

Deuteranopia

112.9150, -37.9191, 29.0155



Tritanopia

101.0470, -24.1802, 102.5678

Trichromacy



Original Color

100.7050, -25.4906, 102.8677

Protanomaly

109.7980, -23.5644, 44.9042

Deuteranomaly

108.3450, -33.2011, 55.8254

Tritanomaly

100.9330, -24.6170, 102.6678

Monochromacy



Original Color

100.7050, -25.4906, 102.8677

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1250, -9.4286, 37.6014

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7050, -25.4906, 102.8677 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(218, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(218, 51, 49)  
}
```

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(218, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 51, 49) }
```

Border

The CSS property to change the border of an element to YUV 100.7050, -25.4906, 102.8677 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(218, 51, 49) }
```


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

```
.border{ border-color:rgb(218, 51, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 51, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(218, 51,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 100.7050, -25.4906, 102.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 51, 49) }
```

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

```
.background{ background-color: rgb(218, 51,  
49) }
```

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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