

Converting Colors

YUV(113.0070, -23.6675,
78.0469)

Have a look what the booklet for
YUV(113.0070, -23.6675, 78.0469)
contains.

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Color

**YUV(113.0070, -23.6675,
78.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	CA4D41
RGB	202, 77, 65
RGB Percent	79%, 30%, 25%
CMY	0.2078, 0.6980, 0.7451
CMYK	0.00, 0.62, 0.68, 0.21
HSL	5°, 56%, 52%
HSV	5°, 68%, 79%
XYZ	27.9651, 18.2460, 7.0489
YIQ	113.0070, 78.3520, 22.7680

Conversions

Conversions Part 2

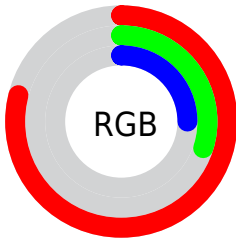
Format	Color
R_{YB}	202, 78, 65
Decimal	13258049
CIE Lab	49.79, 48.96, 33.13
CIE LCh	50, 59.119, 34.083
Yxy	18.2460, 0.5251, 0.3426
Android (android.graphics.Color)	4291448129 (0xFFCA4D41)
YUV	113.0070, -23.6675, 78.0469
Hunter-Lab	42.7153, 42.1098, 20.1166

Details

The YUV color **113.0070, -23.6675, 78.0469** 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 **153.9930, 23.6675, -78.0469**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0240, -26.1408, 78.0320**, and **54.5320, -16.5313, 75.8324** is the 20% darker color. If you saturate the color by 10%, you get **100.1610, -27.1944, 89.3128**, and if you desaturate by 10%, it is **125.8530, -20.1405, 66.7809**.

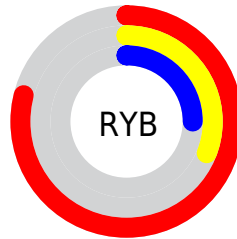
Distribution



Red (79%)

Green (30%)

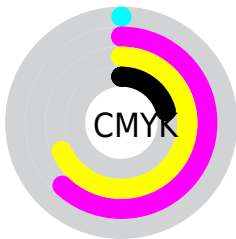
Blue (25%)



Red (79%)

Yellow (31%)

Blue (25%)

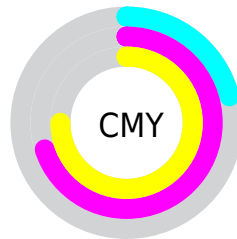


Cyan (0%)

Magenta (62%)

Yellow (68%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0070, -23.6675, 78.0469 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 113.0070, -23.6675, 78.0469 by changing the saturation by 10% instead.

■ 113.0070,
-23.6675, 78.0469

■ 113.0070,
-23.6675, 78.0469

■ 255.0000, 0.0000,
0.0000

■ 85.3810, -20.8938,
75.0879

■ 166.0240,
-26.1408, 78.0320

■ 54.5320, -16.5313,
75.8324

■ 184.8370,
-22.5976, 61.5330

■ 33.4880, -16.5096,
68.8550

■ 204.2370,
-19.3438, 44.5192

■ 24.5180, -12.0874,
50.4117

■ 224.4520,
-15.5058, 26.7906

■ 16.9720, -7.3812,
34.2276

■ 244.6670,
-11.6678, 9.0620

■ 3.8870, -1.9163,
7.9921

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 113.0070,
-23.6675, 78.0469

■ 113.0070,
-23.6675, 78.0469

■ 100.1610,
-27.1944, 89.3128

■ 125.8530,
-20.1405, 66.7809

■ 86.7280, -30.4319,
101.0935

■ 139.2860,
-16.9030, 55.0002

■ 73.7680, -34.3956,
112.4595

■ 152.2460,
-12.9393, 43.6343

■ 70.9640, -34.9853,
114.9186

■ 165.6790, -9.7017,
31.8535

■ 178.5250, -6.1748,
20.5876

■ 191.9580, -2.9373,
8.8068

■ 204.8040, 0.5896,
-2.4591

■ 217.7640, 4.5533,
-13.8250

■ 231.1970, 7.7909,
-25.6058

Harmonies

Analogous

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



113.0440, 0.4713, 82.3994



113.0070, -23.6675, 78.0469



113.0170, -45.8574, 55.2361

Triad

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



113.0070, -23.6675, 78.0469



89.2140, -8.4865, -78.2407



96.5800, 60.3531, -84.7007

Complementary

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



113.0070, -23.6675, 78.0469



153.9930, 23.6675, -78.0469

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.



103.0710, 52.2230, -90.3933



113.0070, -23.6675, 78.0469



96.9030, 13.3588, -84.9839

Square

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



113.0070, -23.6675, 78.0469



104.5210, -40.6829, -17.9969



102.6030, 35.1987, -89.9828



120.8750, 39.9946, 5.3716

Rectangle

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



113.0070, -23.6675, 78.0469



111.4800, -54.9596, 34.6590



102.6030, 35.1987, -89.9828



99.5150, 58.9061, -87.2747

Sweetspot

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



113.0070, -23.6675, 78.0469



221.5970, -8.6753, 29.2944



120.3270, 34.8418, 71.6272



108.0300, -5.4378, 17.5137



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.



113.0070, -23.6675, 78.0469



121.0460, -36.0117, 117.4777



152.9230, -43.3460, 43.0405



95.5770, -1.7635, 5.6330



58.4390, -28.8104, 94.3310



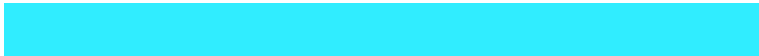
13.1230, -6.4696, 21.8171

Inverse Universe

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



153.9930, 23.6675, -78.0469



182.5410, 35.7223, -117.9925



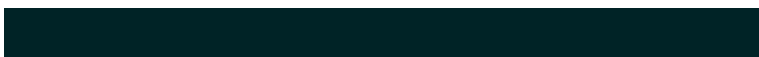
114.0770, 43.3460, -43.0405



98.4230, 1.7635, -5.6330



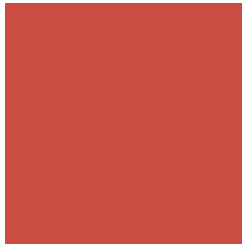
107.5610, 28.8104, -94.3310



24.8770, 6.4696, -21.8171

Previews

White Background



This preview shows how the YUV color 113.0070, -23.6675, 78.0469 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 113.0070, -23.6675, 78.0469 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 113.0070, -23.6675, 78.0469

Background



This preview shows how black text looks on a background with the YUV color 113.0070, -23.6675, 78.0469.



This preview shows how white text looks on a background with the YUV color 113.0070, -23.6675,

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

113.0070, -23.6675, 78.0469

Protanopia

117.5440, -18.5092, 10.0469

Deuteranopia

116.8960, -29.0357, 26.4012



Tritanopia

113.7280, -17.1209, 78.2915

Trichromacy



Original Color

113.0070, -23.6675, 78.0469

Protanomaly

116.2420, -20.3323, 34.8678

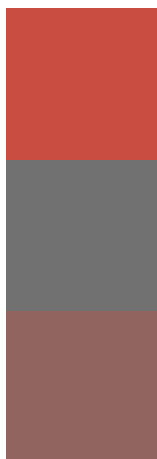
Deuteranomaly

115.5870, -26.9114, 45.0892

Tritanomaly

113.7450, -19.5943, 78.2766

Monochromacy



Original Color

113.0070, -23.6675, 78.0469

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9990, -8.3805, 28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0070, -23.6675, 78.0469 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(202, 77, 65)` looks like.

```
.text, #text, p{  
    color:rgb(202, 77, 65)  
}
```

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(202, 77, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 77, 65) }
```

Border

The CSS property to change the border of an element to YUV 113.0070, -23.6675, 78.0469 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(202, 77, 65) }
```


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

```
.border{ border-color:rgb(202, 77, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 77, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 77, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 77, 65);  
box-shadow:4px 4px 4px 4px rgb(202, 77,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 113.0070, -23.6675, 78.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 77, 65) }
```

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

```
.background{ background-color: rgb(202, 77,  
65) }
```

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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