

Converting Colors

YUV(78.4250, -14.0135,
108.3753)

Have a look what the booklet for
YUV(78.4250, -14.0135, 108.3753)
contains.

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Color

**YUV(78.4250, -14.0135,
108.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	CA1532
RGB	202, 21, 50
RGB Percent	79%, 8%, 20%
CMY	0.2078, 0.9176, 0.8039
CMYK	0.00, 0.90, 0.75, 0.21
HSL	350°, 81%, 44%
HSV	350°, 90%, 79%
XYZ	25.2010, 13.3232, 4.2610
YIQ	78.4250, 98.5670, 47.3910

Conversions

Conversions Part 2

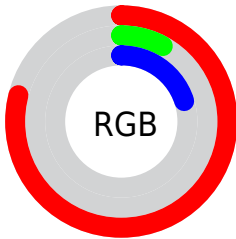
Format	Color
R_{YB}	202, 21, 50
Decimal	13243698
CIE _{Lab}	43.25, 65.84, 34.25
CIE _{LCh}	43, 74.218, 27.480
Yxy	13.3232, 0.5890, 0.3114
Android (android.graphics.Color)	4291433778 (0xFFCA1532)
YUV	78.4250, -14.0135, 108.3753
Hunter-Lab	36.5009, 59.3635, 18.6293

Details

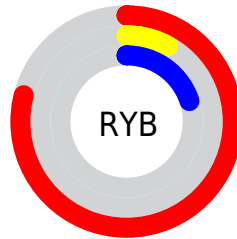
The YUV color **78.4250, -14.0135, 108.3753** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **144.5750, 14.0135, -108.3753**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1930, -22.2801, 99.8087**, and **42.2450, -17.8688, 84.8541** is the 20% darker color. If you saturate the color by 10%, you get **64.7470, -15.6513, 120.3709**, and if you desaturate by 10%, it is **92.1030, -12.3758, 96.3797**.

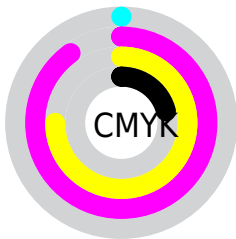
Distribution



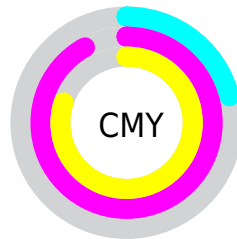
- Red (79%)
- Green (8%)
- Blue (20%)



- Red (79%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (21%)





- Cyan (21%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4250, -14.0135, 108.3753 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 78.4250, -14.0135, 108.3753 by changing the saturation by 10% instead.


 78.4250, -14.0135,
108.3753


 78.4250, -14.0135,
108.3753


255.0000, 0.0000,
0.0000


 54.1360, -12.3920,
101.6127


 141.1930,
-22.2801, 99.8087


 42.2450, -17.8688,
84.8541


 161.0660,
-19.7525, 82.3801


 32.2920, -15.9200,
66.3959

 181.0530,
-16.7881, 64.8515

 23.5500, -10.6242,
47.7527

 201.1540,
-13.3869, 47.2229

 14.5800, -6.2019,
29.3093

 221.2550, -9.9857,
29.5944

 0.0000, 0.0000,
0.0000

 242.0570, -6.4371,

11.3510

■ 78.4250, -14.0135,
108.3753

■ 78.4250, -14.0135,
108.3753

■ 64.7470, -15.6513,
120.3709

■ 92.1030, -12.3758,
96.3797

■ 64.0460, -15.7987,
120.9857

■ 105.7810,
-10.7380, 84.3841

■ 120.0460, -9.3897,
71.8737

■ 133.7240, -7.7519,
59.8781

■ 147.4020, -6.1142,
47.8824

■ 161.0800, -4.4764,
35.8868

■ 174.7580, -2.8387,
23.8912

■ 189.0230, -1.4903,
11.3808

■ 202.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



73.2370, 18.1242, 113.8022



78.4250, -14.0135, 108.3753



93.1160, -45.9062, 70.9353

Triad

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



78.4250, -14.0135, 108.3753



75.1650, -24.2383, -65.9197



91.6220, 66.7414, -80.3525

Complementary

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



78.4250, -14.0135, 108.3753



144.5750, 14.0135, -108.3753

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.



96.2720, 54.0959, -84.4305



78.4250, -14.0135, 108.3753



85.3790, 4.7432, -74.8774

Square

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



78.4250, -14.0135, 108.3753



87.8370, -43.3036, -17.3970



93.1480, 31.9720, -81.6908



98.6620, 56.3686, -19.8746

Rectangle

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



78.4250, -14.0135, 108.3753



96.4840, -47.5666, 43.4255



93.1480, 31.9720, -81.6908



94.2150, 63.9840, -82.6266

Sweetspot

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



78.4250, -14.0135, 108.3753



207.8850, -5.3663, 41.3199



86.7830, 56.8020, 74.7353



99.9430, -3.4229, 24.6060



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.



78.4250, -14.0135, 108.3753



80.9190, -19.6801, 152.6690



110.3390, -44.0441, 80.3867



95.1040, -1.0373, 6.0478



52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Inverse Universe

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



78.4250, -14.0135, 108.3753



80.9190, -19.6801, 152.6690



112.6610, 44.0441, -80.3867



95.1040, -1.0373, 6.0478



52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 78.4250, -14.0135, 108.3753 looks on a white background.

Color Contrast Check

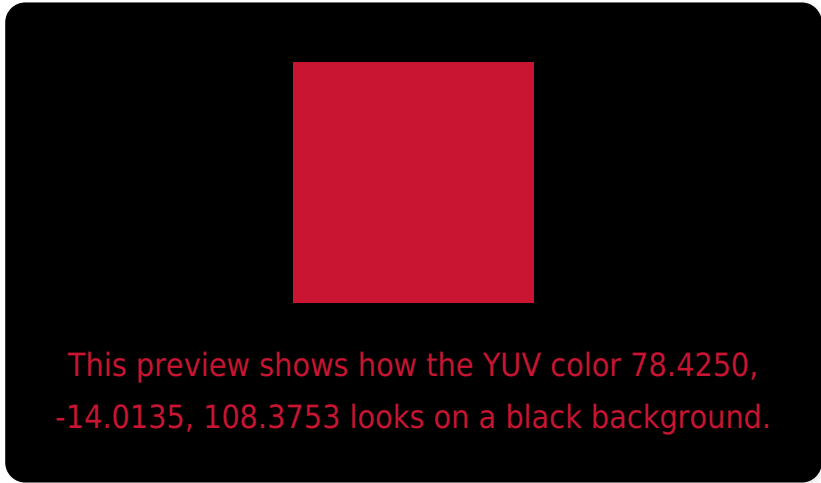
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.4250, -14.0135, 108.3753

Background



This preview shows how black text looks on a background with the YUV color 78.4250, -14.0135, 108.3753.



This preview shows how white text looks on a background with the YUV color 78.4250, -14.0135,

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

78.4250, -14.0135, 108.3753

Protanopia

102.3850, -13.9938, 8.4324

Deuteranopia

100.5430, -30.3407, 24.9568



Tritanopia

79.2710, -27.2486, 106.7563

Trichromacy



Original Color

78.4250, -14.0135, 108.3753

Protanomaly

93.6160, -14.1077, 45.0638

Deuteranomaly

92.6360, -24.4705, 55.5702

Tritanomaly

78.5360, -22.4492, 107.4009

Monochromacy



Original Color

78.4250, -14.0135, 108.3753

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9880, -4.9241, 39.4755

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4250, -14.0135, 108.3753 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, 21, 50)` looks like.

```
.text, #text, p{  
    color:rgb(202, 21, 50)  
}
```

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, 21, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 21, 50) }
```

Border

The CSS property to change the border of an element to YUV 78.4250, -14.0135, 108.3753 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, 21, 50) }
```


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

```
.border{ border-color:rgb(202, 21, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 21, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 21, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 21, 50);  
box-shadow:4px 4px 4px 4px rgb(202, 21,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 78.4250, -14.0135, 108.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 21, 50) }
```

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

```
.background{ background-color: rgb(202, 21,  
50) }
```

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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