

Converting Colors

YUV(98.5080, -23.4214,
92.5165)

Have a look what the booklet for
YUV(98.5080, -23.4214, 92.5165)
contains.

YUV(98.5080, -23.4214, 92.5165)	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(98.5080, -23.4214,
92.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3633
RGB	204, 54, 51
RGB Percent	80%, 21%, 20%
CMY	0.2000, 0.7882, 0.8000
CMYK	0.00, 0.74, 0.75, 0.20
HSL	1°, 60%, 50%
HSV	1°, 75%, 80%
XYZ	26.8185, 15.7147, 4.7517
YIQ	98.5080, 90.3630, 30.8670

Conversions

Conversions Part 2

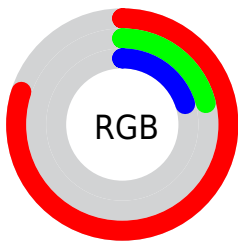
Format	Color
RYB	204, 54, 51
Decimal	13383219
CIELab	46.60, 58.13, 37.51
CIElCh	47, 69.181, 32.837
Yxy	15.7147, 0.5672, 0.3323
Android (android.graphics.Color)	4291573299 (0xFFCC3633)
YUV	98.5080, -23.4214, 92.5165
Hunter-Lab	39.6418, 51.3860, 20.6424

Details

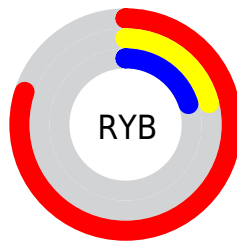
The YUV color **98.5080, -23.4214, 92.5165** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **156.4920, 23.4214, -92.5165**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5740, -26.9050, 89.8276**, and **43.2560, -17.8742, 86.5985** is the 20% darker color. If you saturate the color by 10%, you get **84.4880, -26.3696, 104.8120**, and if you desaturate by 10%, it is **112.5280, -20.4733, 80.2209**.

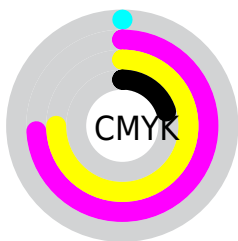
Distribution



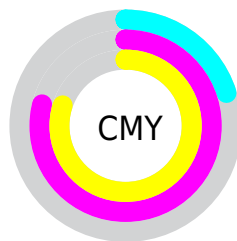
- Red (80%)
- Green (21%)
- Blue (20%)



- Red (80%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.5080, -23.4214, 92.5165 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 98.5080, -23.4214, 92.5165 by changing the saturation by 10% instead.


 98.5080, -23.4214,
92.5165


 98.5080, -23.4214,
92.5165


255.0000, 0.0000,
0.0000


 65.0120, -17.7539,
94.7055


 152.5740,
-26.9050, 89.8276


 43.2560, -17.8742,
86.5985


 171.8600,
-24.0880, 72.9138


 33.1890, -16.3622,
68.2402


 191.8470,
-21.1236, 55.3852

 24.2190, -11.9400,
49.7969

 211.3610,
-17.4330, 38.2714

 16.0750, -6.9390,
32.3832

 232.1630,
-13.8844, 20.0280

 0.2990, -0.1474,
0.6148

 252.3780,

 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 98.5080, -23.4214,
92.5165

■ 98.5080, -23.4214,
92.5165

■ 84.4880, -26.3696,
104.8120

■ 112.5280,
-20.4733, 80.2209

■ 70.3540, -29.7545,
117.2075

■ 126.6620,
-17.0884, 67.8254

■ 63.3440, -31.2286,
123.3553

■ 140.6820,
-14.1402, 55.5299

■ 154.8160,
-10.7553, 43.1344

■ 168.8360, -7.8071,
30.8388

■ 182.8560, -4.8590,
18.5433

■ 196.9900, -1.4741,
6.1478

■ 211.0100, 1.4741,
-6.1478

■ 225.1440, 4.8590,
-18.5433

Harmonies

Analogous

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



93.5870, 7.1056, 101.2172



98.5080, -23.4214, 92.5165



102.8070, -50.6839, 63.3133

Triad

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



98.5080, -23.4214, 92.5165



83.5260, -15.0493, -73.2523



94.0840, 66.0206, -82.5117

Complementary

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



98.5080, -23.4214, 92.5165



156.4920, 23.4214, -92.5165

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.



100.7060, 55.8539, -88.3192



98.5080, -23.4214, 92.5165



92.3550, 11.1640, -80.9953

Square

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



98.5080, -23.4214, 92.5165



93.4190, -46.0556, -21.4155



98.8530, 36.0615, -86.6941



111.3180, 48.1572, 0.5981

Rectangle

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



98.5080, -23.4214, 92.5165



104.1150, -51.3287, 36.7331



98.8530, 36.0615, -86.6941



97.4920, 63.8474, -85.5005

Sweetspot

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



98.5080, -23.4214, 92.5165



214.2280, -8.9864, 35.7570



113.8470, 42.9664, 79.0642



103.3510, -5.5960, 21.6172



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.



98.5080, -23.4214, 92.5165



96.7050, -35.3506, 138.8247



143.1200, -45.4152, 53.3918



94.9900, -1.4741, 6.1478



51.3950, -25.3377, 100.5086



11.9490, -5.8909, 22.8467

Inverse Universe

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



156.4920, 23.4214, -92.5165



183.8820, 35.0612, -139.3395



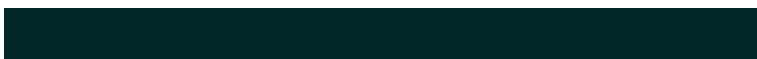
111.8800, 45.4152, -53.3918



99.0100, 1.4741, -6.1478



114.6050, 25.3377, -100.5086



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 98.5080, -23.4214, 92.5165 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 98.5080, -23.4214, 92.5165 looks on a 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 98.5080, -23.4214, 92.5165

Background



This preview shows how black text looks on a background with the YUV color 98.5080, -23.4214, 92.5165.



This preview shows how white text looks on a background with the YUV color 98.5080, -23.4214,

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

98.5080, -23.4214, 92.5165

Protanopia

109.2020, -19.8196, 10.3468

Deuteranopia

108.4570, -33.2563, 26.7862



Tritanopia

98.3770, -21.3849, 92.6314

Trichromacy



Original Color

98.5080, -23.4214, 92.5165

Protanomaly

105.0470, -21.2222, 40.3008

Deuteranomaly

104.9360, -29.5484, 50.9221

Tritanomaly

98.2630, -21.8217, 92.7313

Monochromacy



Original Color

98.5080, -23.4214, 92.5165

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0320, -8.3968, 33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5080, -23.4214, 92.5165 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(204, 54, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 54, 51)  
}
```

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(204, 54, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 54, 51) }
```

Border

The CSS property to change the border of an element to YUV 98.5080, -23.4214, 92.5165 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(204, 54, 51) }
```


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

```
.border{ border-color:rgb(204, 54, 51) }
```

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

Here you see how a box with a 4 pixel rgb(204, 54, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 54, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 54, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 54,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 98.5080, -23.4214, 92.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 54, 51) }
```

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

```
.background{ background-color: rgb(204, 54,  
51) }
```

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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