

Converting Colors

YUV(103.4780, -14.5327,
88.1578)

Have a look what the booklet for
YUV(103.4780, -14.5327, 88.1578)
contains.

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Color

**YUV(103.4780, -14.5327,
88.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3A4A
RGB	204, 58, 74
RGB Percent	80%, 23%, 29%
CMY	0.2000, 0.7725, 0.7098
CMYK	0.00, 0.72, 0.64, 0.20
HSL	353°, 59%, 51%
HSV	353°, 72%, 80%
XYZ	27.6509, 16.3579, 8.1786
YIQ	103.4780, 81.8800, 35.9280

Conversions

Conversions Part 2

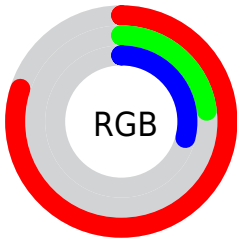
Format	Color
RYB	204, 58, 74
Decimal	13384266
CIELab	47.44, 57.85, 24.99
CIELCh	47, 63.022, 23.366
Yxy	16.3579, 0.5298, 0.3134
Android (android.graphics.Color)	4291574346 (0xFFCC3A4A)
YUV	103.4780, -14.5327, 88.1578
Hunter-Lab	40.4449, 51.2564, 16.3221

Details

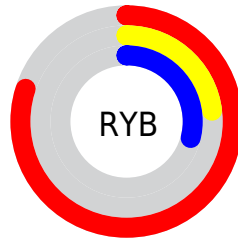
The YUV color **103.4780, -14.5327, 88.1578** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **158.5220, 14.5327, -88.1578**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7720, -17.1426, 85.2690**, and **46.2910, -7.5385, 84.8138** is the 20% darker color. If you saturate the color by 10%, you get **89.6860, -16.6072, 100.2534**, and if you desaturate by 10%, it is **117.2700, -12.4581, 76.0622**.

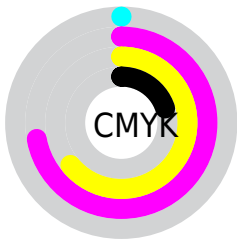
Distribution



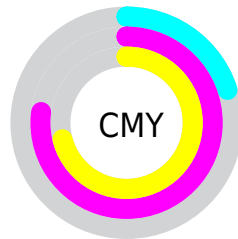
- Red (80%)
- Green (23%)
- Blue (29%)



- Red (80%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.4780, -14.5327, 88.1578 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 103.4780, -14.5327, 88.1578 by changing the saturation by 10% instead.


 103.4780,
-14.5327, 88.1578

 103.4780,
-14.5327, 88.1578


255.0000, 0.0000,
0.0000


 71.1560, -9.4439,
89.3172


 157.7720,
-17.1426, 85.2690


 46.2910, -7.5385,
84.8138


 177.0580,
-14.3256, 68.3551


 34.6990, -13.1626,
68.6700


 196.5720,
-10.6350, 51.2414

 24.8170, -12.2348,
51.0265

 216.6730, -7.2338,
33.6128

 16.6730, -7.2338,
33.6128

 236.8880, -3.3958,
15.8842

 2.9900, -1.4741,
6.1478

 0.0000, 0.0000,

0.0000

■ 103.4780,
-14.5327, 88.1578

■ 103.4780,
-14.5327, 88.1578

■ 89.6860, -16.6072,
100.2534

■ 117.2700,
-12.4581, 76.0622

■ 75.3070, -18.3924,
112.8638

■ 131.6490,
-10.6730, 63.4518

■ 63.5040, -20.4615,
123.2150

■ 145.4410, -8.5984,
51.3562

■ 159.9340, -6.3765,
38.6459

■ 173.7260, -4.3019,
26.5503

■ 187.5180, -2.2274,
14.4547

■ 201.8970, -0.4422,
1.8443

■ 215.6890, 1.6323,
-10.2513

■ 230.0680, 3.4175,
-22.8616

Harmonies

Analogous

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



105.3890, 10.6542, 82.9738



103.4780, -14.5327, 88.1578



106.0600, -40.9486, 67.4764

Triad

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



103.4780, -14.5327, 88.1578



81.7990, -19.1279, -71.7377



97.1670, 60.0637, -85.2155

Complementary

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



103.4780, -14.5327, 88.1578



158.5220, 14.5327, -88.1578

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.



100.5290, 47.5602, -88.1639



103.4780, -14.5327, 88.1578



90.5310, 4.1752, -79.3957

Square

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



103.4780, -14.5327, 88.1578



100.3180, -49.4568, -3.7869



97.2740, 27.4729, -85.3093



109.9190, 49.8329, -23.6080

Rectangle

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



103.4780, -14.5327, 88.1578



105.9530, -52.2348, 47.3992



97.2740, 27.4729, -85.3093



99.0590, 57.1589, -86.8747

Sweetspot

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



103.4780, -14.5327, 88.1578



217.8300, -5.3392, 32.5981



113.2150, 44.7570, 64.7094



105.9100, -3.4066, 19.3729



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.



103.4780, -14.5327, 88.1578



104.2170, -21.7990, 132.2367



134.5260, -37.7273, 60.9287



95.1040, -1.0373, 6.0478



51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Inverse Universe

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



103.4780, -14.5327, 88.1578



104.2170, -21.7990, 132.2367



127.4740, 37.7273, -60.9287



95.1040, -1.0373, 6.0478



51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 103.4780, -14.5327, 88.1578 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 103.4780, -14.5327, 88.1578 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 103.4780, -14.5327, 88.1578

Background



This preview shows how black text looks on a background with the YUV color 103.4780, -14.5327, 88.1578.

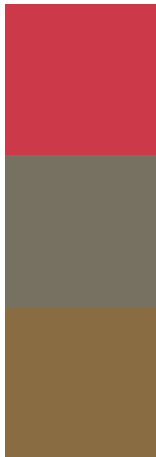


This preview shows how white text looks on a background with the YUV color 103.4780, -14.5327, 88.1578.

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

103.4780, -14.5327, 88.1578

Protanopia

112.9700, -7.8732, 5.2883

Deuteranopia

112.1820, -22.7677, 22.6424



Tritanopia

103.3980, -19.9162, 88.2280

Trichromacy



Original Color

103.4780, -14.5327, 88.1578

Protanomaly

109.5870, -10.1494, 35.4422

Deuteranomaly

109.1340, -19.7861, 46.3635

Tritanomaly

103.2670, -17.8796, 88.3428

Monochromacy



Original Color

103.4780, -14.5327, 88.1578

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.4170, -5.6286, 32.0833

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4780, -14.5327, 88.1578 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, 58, 74)` looks like.

```
.text, #text, p{  
    color:rgb(204, 58, 74)  
}
```

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, 58, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 58, 74) }
```

Border

The CSS property to change the border of an element to YUV 103.4780, -14.5327, 88.1578 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, 58, 74) }
```


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

```
.border{ border-color:rgb(204, 58, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 58, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 58, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 58, 74);  
box-shadow:4px 4px 4px 4px rgb(204, 58,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 103.4780, -14.5327, 88.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 58, 74) }
```

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

```
.background{ background-color: rgb(204, 58,  
74) }
```

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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