

Converting Colors

YUV(89.0240, -19.2388,
104.3420)

Have a look what the booklet for
YUV(89.0240, -19.2388, 104.3420)
contains.

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Color

**YUV(89.0240, -19.2388,
104.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	D02432
RGB	208, 36, 50
RGB Percent	82%, 14%, 20%
CMY	0.1843, 0.8588, 0.8039
CMYK	0.00, 0.83, 0.76, 0.18
HSL	355°, 70%, 48%
HSV	355°, 83%, 82%
XYZ	27.2190, 14.9019, 4.4594
YIQ	89.0240, 98.0180, 40.8180

Conversions

Conversions Part 2

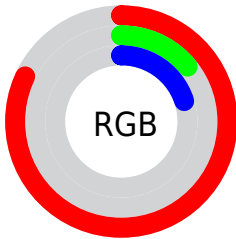
Format	Color
R_{YB}	208, 36, 50
Decimal	13640754
CIE _{Lab}	45.50, 64.49, 37.09
CIE _{LCh}	45, 74.394, 29.909
Yxy	14.9019, 0.5843, 0.3199
Android (android.graphics.Color)	4291830834 (0xFFD02432)
YUV	89.0240, -19.2388, 104.3420
Hunter-Lab	38.6030, 58.3052, 20.1730

Details

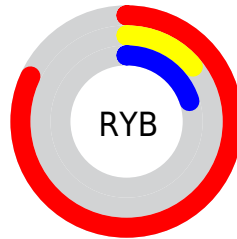
The YUV color **89.0240, -19.2388, 104.3420** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **154.9760, 19.2388, -104.3420**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0030, -24.1585, 95.5904**, and **44.0390, -18.7532, 88.5428** is the 20% darker color. If you saturate the color by 10%, you get **74.5310, -21.4608, 117.0523**, and if you desaturate by 10%, it is **103.5170, -17.0169, 91.6316**.

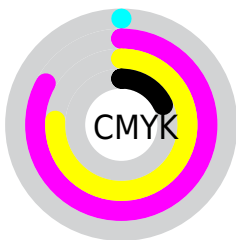
Distribution



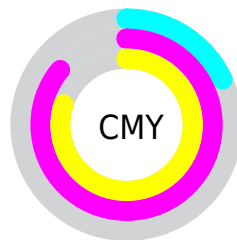
- Red (82%)
- Green (14%)
- Blue (20%)



- Red (82%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (76%)
- Black (18%)





- Cyan (18%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.0240, -19.2388, 104.3420 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 89.0240, -19.2388, 104.3420 by changing the saturation by 10% instead.


 89.0240, -19.2388,
104.3420

 89.0240, -19.2388,
104.3420


255.0000, 0.0000,
0.0000


 55.9300, -13.2765,
105.3014


 146.0030,
-24.1585, 95.5904


 44.0390, -18.7532,
88.5428


 165.8760,
-21.6309, 78.1617

 34.0860, -16.8044,
70.0846


 185.2760,
-18.3771, 61.1479

 24.9310, -11.7980,
50.9265

 205.2630,
-15.4127, 43.6193

 16.3740, -7.0864,
32.9980

 226.0650,
-11.8640, 25.3760

 1.4950, -0.7370,
3.0739

 246.8670, -8.3154,

 0.0000, 0.0000,

7.1326

0.0000

■ 89.0240, -19.2388,
104.3420

■ 89.0240, -19.2388,
104.3420

■ 74.5310, -21.4608,
117.0523

■ 103.5170,
-17.0169, 91.6316

■ 64.1300, -23.2351,
126.1740

■ 118.0100,
-14.7949, 78.9212

■ 131.9160,
-12.2836, 66.7257

■ 146.4090,
-10.0616, 54.0153

■ 161.0160, -7.4029,
41.2050

■ 175.5090, -5.1809,
28.4946

■ 190.0020, -2.9590,
15.7842

■ 203.9080, -0.4476,
3.5887

■ 218.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



75.7430, 17.3817, 118.6204



89.0240, -19.2388, 104.3420



99.0080, -48.8109, 69.2760

Triad

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



89.0240, -19.2388, 104.3420



80.6420, -21.0225, -70.7230



94.7680, 68.6414, -83.1115

Complementary

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



89.0240, -19.2388, 104.3420



154.9760, 19.2388, -104.3420

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.



100.3470, 57.0169, -88.0043



89.0240, -19.2388, 104.3420



90.1550, 7.8116, -79.0659

Square

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



89.0240, -19.2388, 104.3420



91.3590, -45.0400, -20.4858



97.9240, 35.0405, -85.8793



106.5600, 54.4469, -10.1381

Rectangle

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



89.0240, -19.2388, 104.3420



102.0770, -50.3240, 41.1515



97.9240, 35.0405, -85.8793



98.0620, 66.0314, -86.0004

Sweetspot

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



89.0240, -19.2388, 104.3420



210.7060, -7.2501, 38.8458



102.8500, 51.8389, 79.9385



101.0030, -4.4385, 23.6764



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.



89.0240, -19.2388, 104.3420



80.6280, -28.4106, 152.9242



129.6920, -46.1902, 68.6761



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Inverse Universe

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



89.0240, -19.2388, 104.3420



80.6280, -28.4106, 152.9242



114.3080, 46.1902, -68.6761



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 89.0240, -19.2388, 104.3420 looks on a white background.

Color Contrast Check

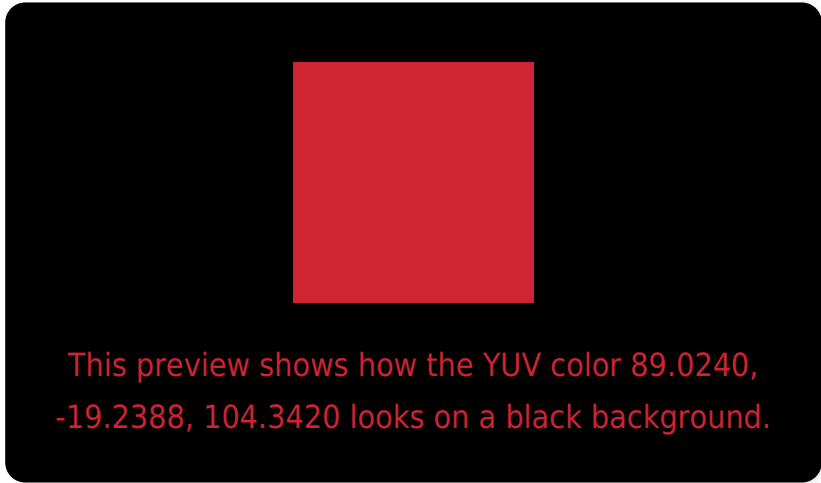
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0240, -19.2388, 104.3420

Background



This preview shows how black text looks on a background with the YUV color 89.0240, -19.2388, 104.3420.



This preview shows how white text looks on a background with the YUV color 89.0240, -19.2388,

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

89.0240, -19.2388, 104.3420

Protanopia

107.4730, -17.4882, 9.2322

Deuteranopia

105.4570, -33.2563, 26.7862



Tritanopia

88.8300, -25.0592, 104.5121

Trichromacy



Original Color

89.0240, -19.2388, 104.3420

Protanomaly

100.5790, -18.0334, 44.2192

Deuteranomaly

99.5990, -28.3963, 54.7257

Tritanomaly

88.6990, -23.0226, 104.6270

Monochromacy



Original Color

89.0240, -19.2388, 104.3420

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1080, -6.9552, 37.6163

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0240, -19.2388, 104.3420 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(208, 36, 50)` looks like.

```
.text, #text, p{  
    color:rgb(208, 36, 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(208, 36, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 36, 50) }
```

Border

The CSS property to change the border of an element to YUV 89.0240, -19.2388, 104.3420 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(208, 36, 50) }
```


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

```
.border{ border-color:rgb(208, 36, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 36, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 36, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 36, 50);  
box-shadow:4px 4px 4px 4px rgb(208, 36,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 89.0240, -19.2388, 104.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 36, 50) }
```

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

```
.background{ background-color: rgb(208, 36,  
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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