

Converting Colors

YUV(93.3180, -38.6108,
111.1001)

Have a look what the booklet for
YUV(93.3180, -38.6108, 111.1001)
contains.

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Color

**YUV(93.3180, -38.6108,
111.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	DC2C0F
RGB	220, 44, 15
RGB Percent	86%, 17%, 6%
CMY	0.1373, 0.8275, 0.9412
CMYK	0.00, 0.80, 0.93, 0.14
HSL	8°, 87%, 46%
HSV	8°, 93%, 86%
XYZ	30.5021, 17.0515, 2.1356
YIQ	93.3180, 114.2050, 28.2930

Conversions

Conversions Part 2

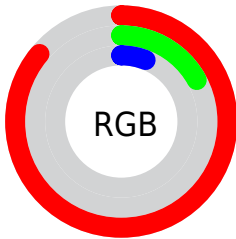
Format	Color
R _Y B	220, 49, 15
Decimal	14429199
CIE Lab	48.32, 65.06, 56.97
CIE LCh	48, 86.476, 41.207
Yxy	17.0515, 0.6139, 0.3432
Android (android.graphics.Color)	4292619279 (0xFFDC2C0F)
YUV	93.3180, -38.6108, 111.1001
Hunter-Lab	41.2935, 59.5885, 25.8391

Details

The YUV color **93.3180, -38.6108, 111.1001** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **141.6820, 38.6108, -111.1001**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9910, -39.4356, 95.6009**, and **46.3450, -22.8481, 95.2904** is the 20% darker color. If you saturate the color by 10%, you get **83.9770, -41.4007, 119.2922**, and if you desaturate by 10%, it is **106.9790, -34.4996, 99.1194**.

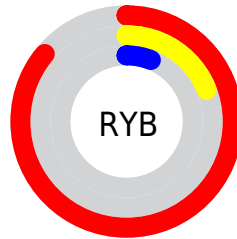
Distribution



Red (86%)

Green (17%)

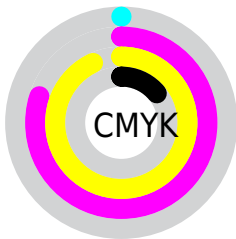
Blue (6%)



Red (86%)

Yellow (19%)

Blue (6%)

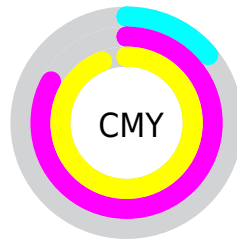


Cyan (0%)

Magenta (80%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (83%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3180, -38.6108, 111.1001 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 93.3180, -38.6108, 111.1001 by changing the saturation by 10% instead.

■ 93.3180, -38.6108,
111.1001

■ 93.3180, -38.6108,
111.1001

255.0000, 0.0000,
0.0000

■ 55.9130, -27.5651,
114.9633

■ 145.9910,
-39.4356, 95.6009

■ 46.3450, -22.8481,
95.2904

■ 165.8640,
-36.9080, 78.1723

■ 36.7770, -18.1311,
75.6176

■ 185.8510,
-33.9435, 60.6437

■ 27.6220, -13.1246,
56.4595

■ 205.8380,
-30.9791, 43.1151

■ 19.1790, -7.9762,
38.4310

■ 225.9390,
-27.5779, 25.4865


■ 8.4860, -3.6906,
17.1138


■ 246.7410,


■ 0.0000, 0.0000,


-24.0293, 7.2431


0.0000

 251.6940,
-12.6671, 2.8994


 93.3180, -38.6108,
111.1001


 93.3180, -38.6108,
111.1001


 83.9770, -41.4007,
119.2922

 106.9790,
-34.4996, 99.1194

 120.6400,
-30.3885, 87.1387

 134.3010,
-26.2774, 75.1580

 147.9620,
-22.1663, 63.1773

 161.0360,
-17.7657, 51.7114

■ 174.6970,
-13.6546, 39.7307

■ 188.3580, -9.5435,
27.7500

■ 202.0190, -5.4324,
15.7693

■ 215.6800, -1.3212,
3.7886

Harmonies

Analogous

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



81.5360, 4.6658, 137.2189



93.3180, -38.6108, 111.1001



107.5140, -53.0044, 60.9392

Triad

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



93.3180, -38.6108, 111.1001



90.0630, -12.8491, -78.9853



97.1620, 77.8141, -85.2111

Complementary

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



93.3180, -38.6108, 111.1001



141.6820, 38.6108, -111.1001

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.



108.9020, 72.0263, -95.5071



93.3180, -38.6108, 111.1001



100.6020, 19.9162, -88.2280

Square

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



93.3180, -38.6108, 111.1001



79.2450, -39.0678, -69.4979



107.9950, 50.7815, -94.7116



115.3180, 55.0592, 26.9081

Rectangle

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



93.3180, -38.6108, 111.1001



107.5930, -53.0433, 26.6669



107.9950, 50.7815, -94.7116



101.8580, 75.4990, -89.3295

Sweetspot

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



93.3180, -38.6108, 111.1001



211.0990, -13.3598, 38.5012



96.5870, 47.5316, 108.2332



100.6780, -8.2223, 23.9614



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.



93.3180, -38.6108, 111.1001



97.3770, -48.0069, 138.2354



152.6050, -67.8393, 59.1054



102.8760, -1.9109, 6.2477



66.4020, -32.7362, 93.4864



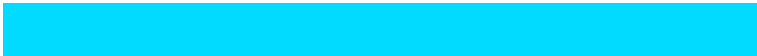
17.2760, -8.5171, 25.1909

Inverse Universe

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



141.6820, 38.6108, -111.1001



157.6230, 48.0069, -138.2354



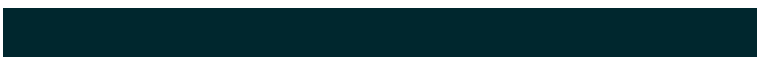
82.3950, 67.8393, -59.1054



105.5370, 2.2003, -5.7329



107.1850, 32.4468, -94.0012



28.1370, 8.8065, -24.6761

Previews

White Background



This preview shows how the YUV color 93.3180, -38.6108, 111.1001 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 93.3180, -38.6108, 111.1001

Background



This preview shows how black text looks on a background with the YUV color 93.3180, -38.6108, 111.1001.



This preview shows how white text looks on a background with the YUV color 93.3180, -38.6108,

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

93.3180, -38.6108, 111.1001

Protanopia

110.6100, -38.7547, 17.0050

Deuteranopia

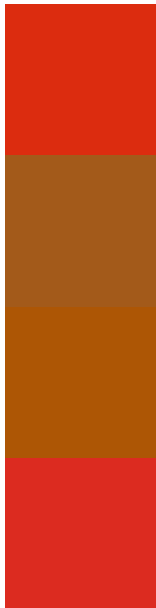
108.2240, -53.3544, 33.1296



Tritanopia

95.1080, -26.6752, 109.5303

Trichromacy



Original Color

93.3180, -38.6108, 111.1001

Protanomaly

104.5310, -38.7158, 51.2773

Deuteranomaly

102.7790, -48.2050, 61.5838

Tritanomaly

94.6690, -30.8958, 109.9153

Monochromacy



Original Color

93.3180, -38.6108, 111.1001

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9960, -13.8020, 40.3455

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3180, -38.6108, 111.1001 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(220, 44, 15)` looks like.

```
.text, #text, p{  
  color:rgb(220, 44, 15)  
}
```

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(220, 44, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 44, 15) }
```

Border

The CSS property to change the border of an element to YUV 93.3180, -38.6108, 111.1001 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(220, 44, 15) }
```


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

```
.border{ border-color:rgb(220, 44, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 44, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 44, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 44, 15);  
box-shadow:4px 4px 4px 4px rgb(220, 44,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 93.3180, -38.6108, 111.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 44, 15) }
```

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

```
.background{ background-color: rgb(220, 44,  
15) }
```

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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