

Converting Colors

YUV(97.9040, -17.2077,
106.2012)

Have a look what the booklet for
YUV(97.9040, -17.2077, 106.2012)
contains.

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Color

**YUV(97.9040, -17.2077,
106.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2B3F
RGB	219, 43, 63
RGB Percent	86%, 17%, 25%
CMY	0.1412, 0.8314, 0.7529
CMYK	0.00, 0.80, 0.71, 0.14
HSL	353°, 71%, 51%
HSV	353°, 80%, 86%
XYZ	30.9745, 17.1467, 6.3797
YIQ	97.9040, 98.4760, 43.5320

Conversions

Conversions Part 2

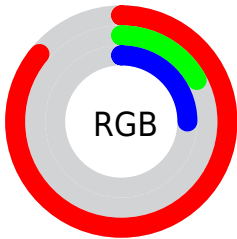
Format	Color
RYB	219, 43, 63
Decimal	14363455
CIELab	48.44, 66.30, 33.43
CIElCh	48, 74.253, 26.758
Yxy	17.1467, 0.5683, 0.3146
Android (android.graphics.Color)	4292553535 (0xFFDB2B3F)
YUV	97.9040, -17.2077, 106.2012
Hunter-Lab	41.4086, 61.0568, 19.8513

Details

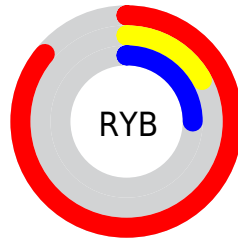
The YUV color **97.9040, -17.2077, 106.2012** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **164.0960, 17.2077, -106.2012**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1210, -19.7797, 91.1019**, and **49.0380, -13.8227, 93.8057** is the 20% darker color. If you saturate the color by 10%, you get **82.8240, -19.1402, 119.4264**, and if you desaturate by 10%, it is **112.9840, -15.2751, 92.9760**.

Distribution



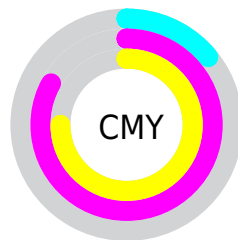
- Red (86%)
- Green (17%)
- Blue (25%)



- Red (86%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (14%)





- Cyan (14%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.9040, -17.2077, 106.2012 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 97.9040, -17.2077, 106.2012 by changing the saturation by 10% instead.


 97.9040, -17.2077,
106.2012


 97.9040, -17.2077,
106.2012


255.0000, 0.0000,
0.0000


 60.5870, -9.6564,
110.8642


 151.1210,
-19.7797, 91.1019


 49.0380, -13.8227,
93.8057

 170.9940,
-17.2520, 73.6733

 37.3750, -18.4259,
76.8471


 190.9810,
-14.2876, 56.1447

 27.9210, -13.2721,
57.0743

 211.0820,
-10.8864, 38.5161

 19.7770, -8.2711,
39.6606

 231.8840, -7.3378,
20.2727

 9.0840, -3.9854,
18.3433

 252.8000, -3.3524,

 0.0000, 0.0000,

1.9294

0.0000

■ 97.9040, -17.2077,
106.2012

■ 97.9040, -17.2077,
106.2012

■ 82.8240, -19.1402,
119.4264

■ 112.9840,
-15.2751, 92.9760

■ 68.3310, -21.3622,
132.1367

■ 128.1780,
-12.9058, 79.6509

■ 143.2580,
-10.9732, 66.4257

■ 158.4520, -8.6038,
53.1006

■ 172.9450, -6.3819,
40.3902

■ 188.0250, -4.4493,
27.1651

■ 203.2190, -2.0800,
13.8399

■ 218.2990, -0.1474,
0.6148

■ 233.4930, 2.2220,
-12.7104

Harmonies

Analogous

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



93.8190, 15.3722, 109.7837



97.9040, -17.2077, 106.2012



105.5420, -52.0322, 75.8237

Triad

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



97.9040, -17.2077, 106.2012



84.7510, -23.0482, -74.3266



100.9630, 69.5312, -88.5446

Complementary

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



97.9040, -17.2077, 106.2012



164.0960, 17.2077, -106.2012

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.



106.0860, 56.1596, -93.0374



97.9040, -17.2077, 106.2012



94.8510, 5.4965, -83.1843

Square

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



97.9040, -17.2077, 106.2012



100.5510, -49.5716, -13.6382



102.7340, 33.1621, -90.0977



112.0040, 57.6790, -20.1745

Rectangle

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



97.9040, -17.2077, 106.2012



108.3120, -53.3978, 47.0844



102.7340, 33.1621, -90.0977



104.1430, 66.4845, -91.3334

Sweetspot

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



97.9040, -17.2077, 106.2012



213.0370, -5.9342, 36.8016



109.4090, 54.0284, 77.6943



102.5190, -3.7069, 22.3468



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.



97.9040, -17.2077, 106.2012



86.4470, -23.8844, 147.8210



134.9530, -45.3328, 73.7092



102.4030, -1.1847, 6.6626



54.0070, -16.7655, 104.3569



14.3240, -4.5967, 27.7799

Inverse Universe

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



97.9040, -17.2077, 106.2012



86.4470, -23.8844, 147.8210



127.0470, 45.3328, -73.7092



102.4030, -1.1847, 6.6626



54.0070, -16.7655, 104.3569



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 97.9040, -17.2077, 106.2012 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 97.9040, -17.2077, 106.2012 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 97.9040, -17.2077, 106.2012

Background



This preview shows how black text looks on a background with the YUV color 97.9040, -17.2077, 106.2012.



This preview shows how white text looks on a background with the YUV color 97.9040, -17.2077,

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

97.9040, -17.2077, 106.2012

Protanopia

115.2000, -13.4096, 7.7176

Deuteranopia

113.3690, -29.7619, 25.9864



Tritanopia

97.8410, -25.0646, 106.2564

Trichromacy



Original Color

97.9040, -17.2077, 106.2012

Protanomaly

108.7900, -14.6865, 44.0342

Deuteranomaly

108.1090, -25.1967, 55.1554

Tritanomaly

97.9380, -22.1544, 106.1714

Monochromacy



Original Color

97.9040, -17.2077, 106.2012

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9340, -6.3765, 38.6459

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9040, -17.2077, 106.2012 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(219, 43, 63)` looks like.

```
.text, #text, p{  
    color:rgb(219, 43, 63)  
}
```

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(219, 43, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 43, 63) }
```

Border

The CSS property to change the border of an element to YUV 97.9040, -17.2077, 106.2012 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(219, 43, 63) }
```


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

```
.border{ border-color:rgb(219, 43, 63) }
```

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

Here you see how a box with a 4 pixel rgb(219, 43, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 43, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 43, 63);  
box-shadow:4px 4px 4px 4px rgb(219, 43,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 97.9040, -17.2077, 106.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 43, 63) }
```

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

```
.background{ background-color: rgb(219, 43,  
63) }
```

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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