

Converting Colors

YUV(90.0350, -19.2443,
106.0863)

Have a look what the booklet for
YUV(90.0350, -19.2443, 106.0863)
contains.

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Color

**YUV(90.0350, -19.2443,
106.0863)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D32433 |
| RGB | 211, 36, 51 |
| RGB Percent | 83%, 14%, 20% |
| CMY | 0.1725, 0.8588, 0.8000 |
| CMYK | 0.00, 0.83, 0.76, 0.17 |
| HSL | 355°, 71%, 48% |
| HSV | 355°, 83%, 83% |
| XYZ | 28.0924, 15.3497, 4.6141 |
| YIQ | 90.0350, 99.4850, 41.7650 |

Conversions

Conversions Part 2

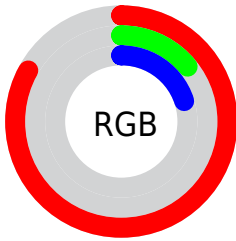
| Format | Color |
|-------------------------------------|---|
| RYB | 211, 36, 51 |
| Decimal | 13837363 |
| CIELab | 46.11, 65.35, 37.36 |
| CIELCh | 46, 75.270, 29.756 |
| Yxy | 15.3497, 0.5846, 0.3194 |
| Android (android.graphics.Color) | 4292027443 (0xFFD32433) |
| YUV | 90.0350, -19.2443, 106.0863 |
| Hunter-Lab | 39.1786, 59.4278, 20.4424 |

Details

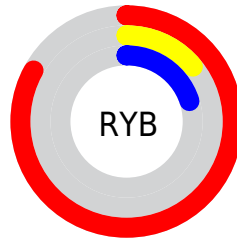
The YUV color **90.0350, -19.2443, 106.0863** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **156.9650, 19.2443, -106.0863**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1170, -23.7217, 95.4904**, and **45.0500, -18.7586, 90.2871** is the 20% darker color. If you saturate the color by 10%, you get **75.5420, -21.4662, 118.7967**, and if you desaturate by 10%, it is **104.5280, -17.0223, 93.3759**.

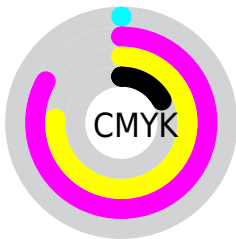
Distribution



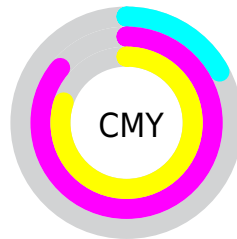
- Red (83%)
- Green (14%)
- Blue (20%)



- Red (83%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (76%)
- Black (17%)





- Cyan (17%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0350, -19.2443, 106.0863 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 90.0350, -19.2443, 106.0863 by changing the saturation by 10% instead.


 90.0350, -19.2443,
106.0863

 90.0350, -19.2443,
106.0863


255.0000, 0.0000,
0.0000

 56.9410, -13.2819,
107.0457


 146.1170,
-23.7217, 95.4904

 45.0500, -18.7586,
90.2871


 165.9900,
-21.1941, 78.0618


 34.6840, -17.0992,
71.3141


 185.9770,
-18.2297, 60.5332

 25.5290, -12.0928,
52.1561

 205.9640,
-15.2653, 43.0046

 16.9720, -7.3812,
34.2276

 226.7660,
-11.7166, 24.7612

 4.1860, -2.0637,
8.6069

 246.9810, -7.8786,

 0.0000, 0.0000,

7.0327

0.0000

■ 90.0350, -19.2443,
106.0863

■ 90.0350, -19.2443,
106.0863

■ 75.5420, -21.4662,
118.7967

■ 104.5280,
-17.0223, 93.3759

■ 65.1410, -23.2405,
127.9183

■ 119.1350,
-14.3636, 80.5656

■ 133.6280,
-12.1416, 67.8552

■ 148.1210, -9.9197,
55.1449

■ 162.6140, -7.6977,
42.4345

■ 177.8080, -5.3283,
29.1094

■ 192.3010, -3.1064,
16.3990

■ 206.7940, -0.8844,
3.6887

■ 221.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



76.8680, 17.8131, 120.2648



90.0350, -19.2443, 106.0863



100.4920, -49.5426, 70.6055

Triad

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



90.0350, -19.2443, 106.0863



81.2290, -21.3119, -71.2378



96.2840, 69.3730, -84.4411

Complementary

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



90.0350, -19.2443, 106.0863



156.9650, 19.2443, -106.0863

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.



101.8630, 57.7485, -89.3339



90.0350, -19.2443, 106.0863



91.4430, 7.6696, -80.1955

Square

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



90.0350, -19.2443, 106.0863



92.8320, -45.7662, -20.9007



98.7390, 35.6247, -86.5941



107.7880, 55.3205, -10.3381

Rectangle

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



90.0350, -19.2443, 106.0863



103.2620, -50.9082, 41.8662



98.7390, 35.6247, -86.5941



99.5780, 66.7630, -87.3299

Sweetspot

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



90.0350, -19.2443, 106.0863



210.8200, -6.8133, 38.7459



103.1920, 53.1493, 79.6386



101.1170, -4.0017, 23.5764



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.



90.0350, -19.2443, 106.0863



78.7530, -27.9792, 154.5686



129.4150, -46.0536, 71.5500



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.



90.0350, -19.2443, 106.0863



78.7530, -27.9792, 154.5686



117.5850, 46.0536, -71.5500



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 90.0350, -19.2443, 106.0863 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 90.0350, -19.2443, 106.0863 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 90.0350, -19.2443, 106.0863

Background



This preview shows how black text looks on a background with the YUV color 90.0350, -19.2443, 106.0863.



This preview shows how white text looks on a background with the YUV color 90.0350, -19.2443,

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

90.0350, -19.2443, 106.0863

Protanopia

108.5870, -17.0514, 9.1322

Deuteranopia

107.3430, -33.6931, 26.8862



Tritanopia

89.7270, -25.5014, 106.3564

Trichromacy



Original Color

90.0350, -19.2443, 106.0863

Protanomaly

101.6930, -17.5966, 44.1192

Deuteranomaly

101.1970, -28.6911, 55.9552

Tritanomaly

89.7100, -23.0280, 106.3713

Monochromacy



Original Color

90.0350, -19.2443, 106.0863

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8200, -6.8133, 38.7459

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0350, -19.2443, 106.0863 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(211, 36, 51)` looks like.

```
.text, #text, p{  
    color:rgb(211, 36, 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(211, 36, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 36, 51) }
```

Border

The CSS property to change the border of an element to YUV 90.0350, -19.2443, 106.0863 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(211, 36, 51) }
```


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

```
.border{ border-color:rgb(211, 36, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 36, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 36, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 36, 51);  
box-shadow:4px 4px 4px 4px rgb(211, 36,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 90.0350, -19.2443, 106.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 36, 51) }
```

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

```
.background{ background-color: rgb(211, 36,  
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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