

Converting Colors

YUV(94.2200, -19.8285,
106.8011)

Have a look what the booklet for
YUV(94.2200, -19.8285, 106.8011)
contains.

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Color

**YUV(94.2200, -19.8285,
106.8011)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D82836 |
| RGB | 216, 40, 54 |
| RGB Percent | 85%, 16%, 21% |
| CMY | 0.1529, 0.8431, 0.7882 |
| CMYK | 0.00, 0.81, 0.75, 0.15 |
| HSL | 355°, 69%, 50% |
| HSV | 355°, 81%, 85% |
| XYZ | 29.7435, 16.3829, 5.0846 |
| YIQ | 94.2200, 100.4020, 41.6660 |

Conversions

Conversions Part 2

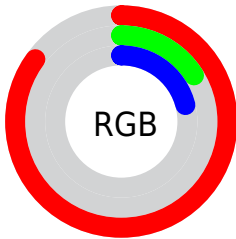
| Format | Color |
|-------------------------------------|--|
| RYB | 216, 40, 54 |
| Decimal | 14166070 |
| CIELab | 47.47, 65.87, 37.41 |
| CIElCh | 47, 75.754, 29.597 |
| Yxy | 16.3829, 0.5808, 0.3199 |
| Android (android.graphics.Color) | 4292356150 (0xFFD82836) |
| YUV | 94.2200, -19.8285, 106.8011 |
| Hunter-Lab | 40.4757, 60.3380, 20.8850 |

Details

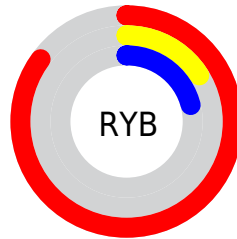
The YUV color **94.2200, -19.8285, 106.8011** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **161.7800, 19.8285, -106.8011**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8070, -23.5689, 93.1313**, and **46.7020, -17.6011, 92.3463** is the 20% darker color. If you saturate the color by 10%, you get **79.0260, -22.1978, 120.1262**, and if you desaturate by 10%, it is **109.4140, -17.4591, 93.4759**.

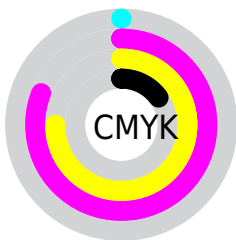
Distribution



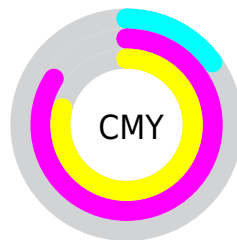
- Red (85%)
- Green (16%)
- Blue (21%)



- Red (85%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (75%)
- Black (15%)





- Cyan (15%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.2200, -19.8285, 106.8011 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 94.2200, -19.8285, 106.8011 by changing the saturation by 10% instead.


 94.2200, -19.8285,
106.8011

 94.2200, -19.8285,
106.8011


255.0000, 0.0000,
0.0000


 58.6640, -13.1454,
109.9197


 148.8070,
-23.5689, 93.1313

 46.7020, -17.6011,
92.3463


 168.6800,
-21.0412, 75.7026

 36.1790, -17.8362,
74.3880


 188.6670,
-18.0768, 58.1740

 27.0240, -12.8298,
55.2300

 208.7680,
-14.6756, 40.5455

 18.5810, -7.6814,
37.2015

 228.9830,
-10.8376, 22.8169

 7.2900, -3.1010,
14.6547

 249.7850, -7.2890,

 0.0000, 0.0000,

4.5736

0.0000

■ 94.2200, -19.8285,
106.8011

■ 94.2200, -19.8285,
106.8011

■ 79.0260, -22.1978,
120.1262

■ 109.4140,
-17.4591, 93.4759

■ 66.5220, -24.4143,
131.0922

■ 124.0210,
-14.8004, 80.6656

■ 139.2150,
-12.4310, 67.3404

■ 153.8220, -9.7722,
54.5301

■ 168.9020, -7.8397,
41.3049

■ 184.0960, -5.4703,
27.9798

■ 198.7030, -2.8116,
15.1695

■ 213.8970, -0.4422,
1.8443

■ 228.5040, 2.2165,
-10.9660

Harmonies

Analogous

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



79.8790, 17.8077, 122.0091



94.2200, -19.8285, 106.8011



103.7480, -51.1478, 72.1350

Triad

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



94.2200, -19.8285, 106.8011



83.9190, -21.1591, -73.5970



99.2020, 70.3994, -87.0002

Complementary

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



94.2200, -19.8285, 106.8011



161.7800, 19.8285, -106.8011

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.



104.6670, 58.3382, -91.7930



94.2200, -19.8285, 106.8011



94.1330, 7.8224, -82.5546

Square

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



94.2200, -19.8285, 106.8011



96.3760, -47.5134, -20.5008



101.4290, 35.7775, -88.9532



111.6030, 55.9047, -11.0528

Rectangle

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



94.2200, -19.8285, 106.8011



106.2190, -52.3660, 42.7809



101.4290, 35.7775, -88.9532



101.9090, 68.0789, -89.3742

Sweetspot

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



94.2200, -19.8285, 106.8011



212.8090, -6.8078, 37.0015



108.2030, 53.1439, 81.3830



102.2910, -4.5805, 22.5468



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.



94.2200, -19.8285, 106.8011



82.0300, -28.1158, 151.6947



135.4750, -47.0692, 70.6204



99.4030, -1.1847, 6.6626



52.7250, -19.0914, 103.7272



13.1990, -5.0281, 26.1355

Inverse Universe

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



94.2200, -19.8285, 106.8011



82.0300, -28.1158, 151.6947



120.5250, 47.0692, -70.6204



99.4030, -1.1847, 6.6626



52.7250, -19.0914, 103.7272



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 94.2200, -19.8285, 106.8011 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 94.2200, -19.8285, 106.8011 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 94.2200, -19.8285, 106.8011 Background



This preview shows how black text looks on a background with the YUV color 94.2200, -19.8285, 106.8011.



This preview shows how white text looks on a background with the YUV color 94.2200, -19.8285,

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

94.2200, -19.8285, 106.8011

Protanopia

111.8860, -17.1988, 9.7470

Deuteranopia

110.3430, -33.6931, 26.8862



Tritanopia

94.0260, -25.6488, 106.9712

Trichromacy



Original Color

94.2200, -19.8285, 106.8011

Protanomaly

105.2910, -17.8915, 45.3488

Deuteranomaly

104.1970, -28.6911, 55.9552

Tritanomaly

93.8950, -23.6122, 107.0861

Monochromacy



Original Color

94.2200, -19.8285, 106.8011

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7060, -7.2501, 38.8458

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2200, -19.8285, 106.8011 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(216, 40, 54)` looks like.

```
.text, #text, p{  
    color:rgb(216, 40, 54)  
}
```

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(216, 40, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 40, 54) }
```

Border

The CSS property to change the border of an element to YUV 94.2200, -19.8285, 106.8011 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(216, 40, 54) }
```


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

```
.border{ border-color:rgb(216, 40, 54) }
```

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

Here you see how a box with a 4 pixel rgb(216, 40, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 40, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 40, 54);  
box-shadow:4px 4px 4px 4px rgb(216, 40,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 94.2200, -19.8285, 106.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 40, 54) }
```

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

```
.background{ background-color: rgb(216, 40,  
54) }
```

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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