

Converting Colors

YUV(93.3440, -1.1556, 90.9063)

Have a look what the booklet for
YUV(93.3440, -1.1556, 90.9063)
contains.

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Color

**YUV(93.3440, -1.1556,
90.9063)**

Conversions

Conversions Part 1

Format	Color
Hex	C5295B
RGB	197, 41, 91
RGB Percent	77%, 16%, 36%
CMY	0.2275, 0.8392, 0.6431
CMYK	0.00, 0.79, 0.54, 0.23
HSL	341°, 66%, 47%
HSV	341°, 79%, 77%
XYZ	25.7072, 14.2115, 11.2857
YIQ	93.3440, 76.9260, 48.6220

Conversions

Conversions Part 2

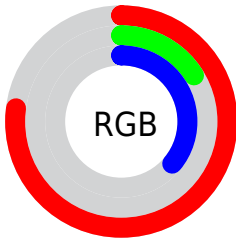
Format	Color
R_{YB}	197, 41, 91
Decimal	12921179
CIE Lab	44.53, 62.43, 10.42
CIE LCh	45, 63.290, 9.479
Yxy	14.2115, 0.5021, 0.2775
Android (android.graphics.Color)	4291111259 (0xFFC5295B)
YUV	93.3440, -1.1556, 90.9063
Hunter-Lab	37.6982, 55.7513, 8.6391

Details

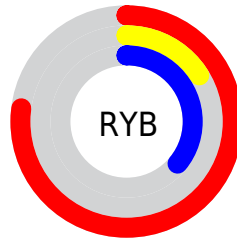
The YUV color **93.3440, -1.1556, 90.9063** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **144.6560, 1.1556, -90.9063**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1930, -5.5181, 90.1617**, and **46.2070, -0.1021, 79.6255** is the 20% darker color. If you saturate the color by 10%, you get **80.1220, -1.0461, 102.5020**, and if you desaturate by 10%, it is **106.5660, -1.2650, 79.3106**.

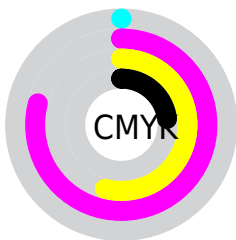
Distribution



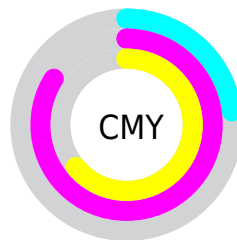
- Red (77%)
- Green (16%)
- Blue (36%)



- Red (77%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (79%)
- Yellow (54%)
- Black (23%)





- Cyan (23%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.3440, -1.1556, 90.9063 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 93.3440, -1.1556, 90.9063 by changing the saturation by 10% instead.


 93.3440, -1.1556,
90.9063


 93.3440, -1.1556,
90.9063


255.0000, 0.0000,
0.0000

 57.6850, 5.0853,
95.8693


 152.1930, -5.5181,
90.1617

 46.2070, -0.1021,
79.6255


 172.1800, -2.5537,
72.6331

 34.9570, -4.4158,
63.1817

 191.6940, 1.1369,
55.5194

 23.4360, -11.0609,
47.8526

 211.9090, 4.9749,
37.7908

 14.8790, -6.3493,
29.9241

 232.2380, 9.2497,
19.9623

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 93.3440, -1.1556,
90.9063

■ 93.3440, -1.1556,
90.9063

■ 80.1220, -1.0461,
102.5020

■ 106.5660, -1.2650,
79.3106

■ 67.3730, -1.6629,
113.6829

■ 119.3150, -0.6483,
68.1297

■ 66.0850, -1.5209,
114.8125

■ 132.5370, -0.7577,
56.5341

■ 145.8730, -0.4304,
44.8384

■ 158.5080, -0.2504,
33.7575

■ 171.7300, -0.3599,
22.1618

■ 185.0660, -0.0325,
10.4661

■ 198.2880, -0.1420,
-1.1296

■ 210.9230, 0.0380,
-12.2105

Harmonies

Analogous

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



100.9340, 20.7385, 68.4639



93.3440, -1.1556, 90.9063



97.4540, -28.3248, 78.5318

Triad

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



93.3440, -1.1556, 90.9063



86.1020, -41.9553, -29.9075



94.3970, 54.5273, -82.7862

Complementary

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



93.3440, -1.1556, 90.9063



144.6560, 1.1556, -90.9063

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.



94.1570, 38.3766, -82.5757



93.3440, -1.1556, 90.9063



81.4860, -7.6346, -71.4632

Square

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



93.3440, -1.1556, 90.9063



97.1830, -47.9112, 13.8715



88.9300, 15.8105, -77.9916



86.7490, 60.7627, -76.0789

Rectangle

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



93.3440, -1.1556, 90.9063



97.7790, -48.2050, 61.5838



88.9300, 15.8105, -77.9916



95.1320, 49.7279, -83.4308

Sweetspot

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



93.3440, -1.1556, 90.9063



214.4050, -0.6927, 35.6018



89.8800, 52.8102, 48.3402



103.3170, -0.6493, 21.6470



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.



93.3440, -1.1556, 90.9063



94.1360, -2.0390, 141.0777



102.9060, -30.5197, 82.5204



93.0330, -0.0163, 5.2331



54.6650, -1.3138, 95.0098



12.0180, -0.5019, 21.0322

Inverse Universe

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



93.3440, -1.1556, 90.9063



94.1360, -2.0390, 141.0777



135.0940, 30.5197, -82.5204



93.0330, -0.0163, 5.2331



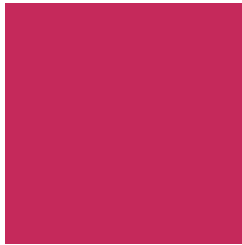
54.6650, -1.3138, 95.0098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 93.3440, -1.1556, 90.9063 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 93.3440, -1.1556, 90.9063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

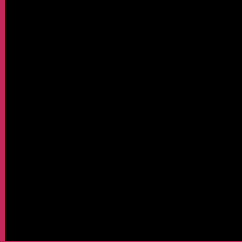
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.3440, -1.1556, 90.9063

Background



This preview shows how black text looks on a background with the YUV color 93.3440, -1.1556, 90.9063.



This preview shows how white text looks on a background with the YUV color 93.3440, -1.1556,

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

93.3440, -1.1556, 90.9063

Protanopia

106.5680, 8.5940, -3.1291

Deuteranopia

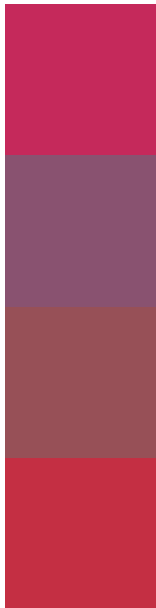
106.5260, -11.1053, 15.3247



Tritanopia

94.2840, -20.3530, 88.3279

Trichromacy



Original Color

93.3440, -1.1556, 90.9063

Protanomaly

101.8650, 4.9966, 30.8134

Deuteranomaly

102.0270, -7.4083, 42.9493

Tritanomaly

93.8310, -13.2277, 89.6022

Monochromacy



Original Color

93.3440, -1.1556, 90.9063

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0950, -0.5398, 33.2427

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3440, -1.1556, 90.9063 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(197, 41, 91)` looks like.

```
.text, #text, p{  
    color:rgb(197, 41, 91)  
}
```

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(197, 41, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 41, 91) }
```

Border

The CSS property to change the border of an element to YUV 93.3440, -1.1556, 90.9063 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(197, 41, 91) }
```


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

```
.border{ border-color:rgb(197, 41, 91) }
```

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

Here you see how a box with a 4 pixel rgb(197, 41, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 41, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 41, 91);  
box-shadow:4px 4px 4px 4px rgb(197, 41,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 93.3440, -1.1556, 90.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 41, 91) }
```

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

```
.background{ background-color: rgb(197, 41,  
91) }
```

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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