

Converting Colors

YUV(93.3850, 10.1632,
100.5174)

Have a look what the booklet for
YUV(93.3850, 10.1632, 100.5174)
contains.

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Color

**YUV(93.3850, 10.1632,
100.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	D01F72
RGB	208, 31, 114
RGB Percent	82%, 12%, 45%
CMY	0.1843, 0.8784, 0.5529
CMYK	0.00, 0.85, 0.45, 0.18
HSL	332°, 74%, 47%
HSV	332°, 85%, 82%
XYZ	29.5397, 15.6048, 17.3747
YIQ	93.3850, 78.8490, 63.3370

Conversions

Conversions Part 2

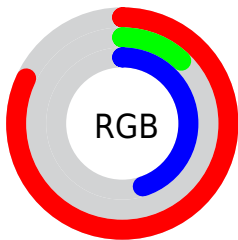
Format	Color
R_{YB}	208, 31, 114
Decimal	13639538
CIE _{Lab}	46.45, 69.49, -0.80
CIE _{LCh}	46, 69.499, 359.337
Yxy	15.6048, 0.4725, 0.2496
Android (android.graphics.Color)	4291829618 (0xFFD01F72)
YUV	93.3850, 10.1632, 100.5174
Hunter-Lab	39.5029, 64.3496, 1.5743

Details

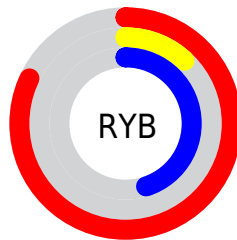
The YUV color **93.3850, 10.1632, 100.5174** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **145.6150, -10.1632, -100.5174**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2820, 6.2700, 89.2067**, and **51.4770, 7.1598, 83.7737** is the 20% darker color. If you saturate the color by 10%, you get **79.8040, 11.4356, 112.4279**, and if you desaturate by 10%, it is **106.9660, 8.8908, 88.6068**.

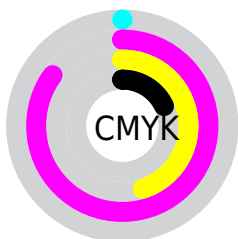
Distribution



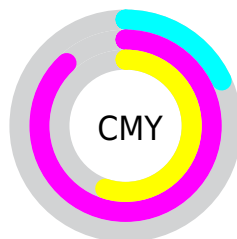
- Red (82%)
- Green (12%)
- Blue (45%)



- Red (82%)
- Yellow (12%)
- Blue (45%)



- Cyan (0%)
- Magenta (85%)
- Yellow (45%)
- Black (18%)





- Cyan (18%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3850, 10.1632, 100.5174 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 93.3850, 10.1632, 100.5174 by changing the saturation by 10% instead.

 93.3850, 10.1632,
100.5174

 93.3850, 10.1632,
100.5174


255.0000, 0.0000,
0.0000


 63.4820, 13.0734,
100.4323


 153.2820, 6.2700,
89.2067

 51.4770, 7.1598,
83.7737


 173.9700, 9.3818,
71.0633


 40.4120, 2.2619,
68.0447


 194.1850, 13.2198,
53.3348

 29.0480, -2.4887,
51.7009

 214.4000, 17.0578,
35.6062

 18.5810, -7.6814,
37.2015

 232.6940, 10.9969,
19.5624

 6.8770, -3.3904,
14.1399

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 93.3850, 10.1632,
100.5174

■ 93.3850, 10.1632,
100.5174

■ 79.8040, 11.4356,
112.4279

■ 106.9660, 8.8908,
88.6068

■ 73.3640, 12.1455,
118.0758

■ 120.5470, 7.6183,
76.6963

■ 133.5410, 6.6353,
65.3005

■ 147.1220, 5.3629,
53.3900

■ 160.7030, 4.0904,
41.4795

■ 174.2840, 2.8180,
29.5689

■ 187.8650, 1.5456,
17.6584

■ 200.8590, 0.5625,
6.2627

■ 214.4400, -0.7099,
-5.6479

Harmonies

Analogous

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



108.2240, 30.9486, 60.3166



93.3850, 10.1632, 100.5174



96.8550, -19.6485, 95.7202

Triad

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



93.3850, 10.1632, 100.5174



95.2240, -46.9454, -15.9824



100.9510, 54.2542, -88.5340

Complementary

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



93.3850, 10.1632, 100.5174



145.6150, -10.1632, -100.5174

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.



98.1690, 33.4407, -86.0942



93.3850, 10.1632, 100.5174



82.0270, -18.2543, -71.9377

Square

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



93.3850, 10.1632, 100.5174



103.1740, -50.8648, 27.9114



91.4430, 7.6696, -80.1955



95.2580, 65.4418, -83.5413

Rectangle

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



93.3850, 10.1632, 100.5174



100.8980, -41.8547, 78.1425



91.4430, 7.6696, -80.1955



100.6430, 47.9970, -88.2639

Sweetspot

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



93.3850, 10.1632, 100.5174



212.2680, 3.8119, 37.4760



78.3870, 63.8992, 38.2486



102.1260, 2.4029, 22.6915



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.



93.3850, 10.1632, 100.5174



89.9250, 14.8270, 144.7708



85.6840, -26.9592, 107.2711



97.8590, 0.5625, 6.2627



59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063

Inverse Universe

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



93.3850, 10.1632, 100.5174



89.9250, 14.8270, 144.7708



153.3160, 26.9592, -107.2711



97.8590, 0.5625, 6.2627



59.2380, 9.7427, 95.3843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 93.3850, 10.1632, 100.5174 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 93.3850, 10.1632, 100.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

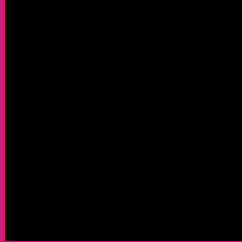
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3850, 10.1632, 100.5174

Background



This preview shows how black text looks on a background with the YUV color 93.3850, 10.1632, 100.5174.



This preview shows how white text looks on a background with the YUV color 93.3850, 10.1632,

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

93.3850, 10.1632, 100.5174

Protanopia

110.5140, 23.9036, -13.6058

Deuteranopia

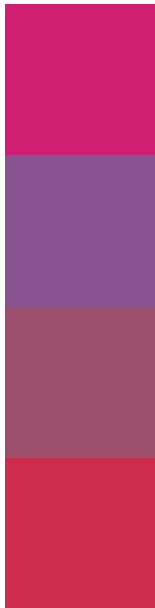
111.9690, -2.9427, 10.5512



Tritanopia

97.9750, -21.6797, 93.8609

Trichromacy



Original Color

93.3850, 10.1632, 100.5174

Protanomaly

104.5130, 18.9741, 27.6141

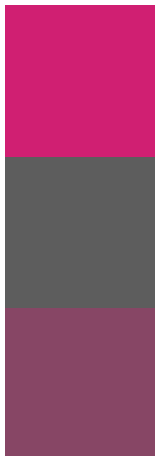
Deuteranomaly

105.1440, 1.9010, 43.7237

Tritanomaly

96.0860, -9.9024, 96.3946

Monochromacy



Original Color

93.3850, 10.1632, 100.5174

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9690, 3.9593, 36.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3850, 10.1632, 100.5174 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(208, 31, 114)` looks like.

```
.text, #text, p{  
    color:rgb(208, 31, 114)  
}
```

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(208, 31, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 31, 114) }
```

Border

The CSS property to change the border of an element to YUV 93.3850, 10.1632, 100.5174 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(208, 31, 114) }
```


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

```
.border{ border-color:rgb(208, 31, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 31, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 31, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 31, 114);  
box-shadow:4px 4px 4px 4px rgb(208, 31,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 93.3850, 10.1632, 100.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 31, 114) }
```

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

```
.background{ background-color: rgb(208, 31,  
114) }
```

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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