

Converting Colors

YUV(99.9390, -6.8719,
104.4165)

Have a look what the booklet for
YUV(99.9390, -6.8719, 104.4165)
contains.

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Color

**YUV(99.9390, -6.8719,
104.4165)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2A56
RGB	219, 42, 86
RGB Percent	86%, 16%, 34%
CMY	0.1412, 0.8353, 0.6627
CMYK	0.00, 0.81, 0.61, 0.14
HSL	345°, 71%, 51%
HSV	345°, 81%, 86%
XYZ	31.7211, 17.3879, 10.4884
YIQ	99.9390, 91.3680, 51.2080

Conversions

Conversions Part 2

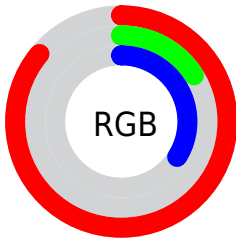
Format	Color
RYB	219, 42, 86
Decimal	14363222
CIELab	48.75, 67.75, 19.95
CIELCh	49, 70.624, 16.407
Yxy	17.3879, 0.5323, 0.2918
Android (android.graphics.Color)	4292553302 (0xFFDB2A56)
YUV	99.9390, -6.8719, 104.4165
Hunter-Lab	41.6988, 62.8156, 14.2761

Details

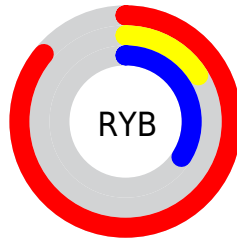
The YUV color **99.9390, -6.8719, 104.4165** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **161.0610, 6.8719, -104.4165**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8570, -9.2965, 88.7024**, and **51.7310, -4.7974, 92.3209** is the 20% darker color. If you saturate the color by 10%, you get **85.2010, -7.4941, 117.3417**, and if you desaturate by 10%, it is **114.6770, -6.2498, 91.4913**.

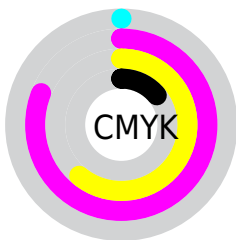
Distribution



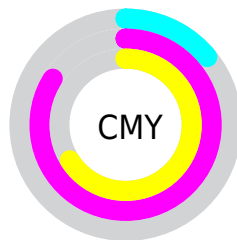
- Red (86%)
- Green (16%)
- Blue (34%)



- Red (86%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (81%)
- Yellow (61%)
- Black (14%)





- Cyan (14%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.9390, -6.8719, 104.4165 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 99.9390, -6.8719, 104.4165 by changing the saturation by 10% instead.


 99.9390, -6.8719,
104.4165

 99.9390, -6.8719,
104.4165


255.0000, 0.0000,
0.0000

 63.3940, -0.1942,
109.2795


 153.8570, -9.2965,
88.7024

 51.7310, -4.7974,
92.3209


 173.8440, -6.3321,
71.1738

 40.1820, -8.9637,
75.2624


 193.9450, -2.9309,
53.5452

 28.8180, -13.7143,
58.9186

 214.7470, 0.6177,
35.3019

 20.3750, -8.5659,
40.8901

 235.0760, 4.8925,
17.4733

 9.9810, -4.4276,
20.1877

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 99.9390, -6.8719,
104.4165

■ 99.9390, -6.8719,
104.4165

■ 85.2010, -7.4941,
117.3417

■ 114.6770, -6.2498,
91.4913

■ 71.6370, -8.6950,
129.2374

■ 129.5290, -5.1908,
78.4661

■ 144.2670, -4.5686,
65.5408

■ 159.1190, -3.5097,
52.5156

■ 173.2700, -2.5981,
40.1052

■ 188.1220, -1.5391,
27.0800

■ 202.8600, -0.9170,
14.1548

■ 217.7120, 0.1420,
1.1296

■ 232.4500, 0.7642,
-11.7956

Harmonies

Analogous

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



106.1260, 19.6579, 88.4665



99.9390, -6.8719, 104.4165



106.6150, -39.2502, 82.7756

Triad

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



99.9390, -6.8719, 104.4165



87.4620, -34.7378, -58.2872



103.4590, 63.8637, -90.7335

Complementary

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



99.9390, -6.8719, 104.4165



161.0610, 6.8719, -104.4165

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.



105.2080, 47.7185, -92.2674



99.9390, -6.8719, 104.4165



91.8700, -3.3869, -80.5700

Square

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



99.9390, -6.8719, 104.4165



105.0910, -51.8099, 4.3052



100.2260, 23.5526, -87.8982



92.1920, 68.9253, -80.8524

Rectangle

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



99.9390, -6.8719, 104.4165



108.1010, -53.2938, 60.4244



100.2260, 23.5526, -87.8982



105.0090, 59.6486, -92.0929

Sweetspot

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



99.9390, -6.8719, 104.4165



213.9490, -2.4399, 36.0017



101.9450, 57.7081, 64.0692



103.0890, -1.5229, 21.8469



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.



99.9390, -6.8719, 104.4165



88.8070, -9.7649, 145.7513



120.7510, -38.8242, 86.1644



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Inverse Universe

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



99.9390, -6.8719, 104.4165



88.8070, -9.7649, 145.7513



140.2490, 38.8242, -86.1644



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 99.9390, -6.8719, 104.4165 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 99.9390, -6.8719, 104.4165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

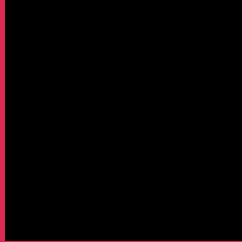
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9390, -6.8719, 104.4165

Background



This preview shows how black text looks on a background with the YUV color 99.9390, -6.8719, 104.4165.



This preview shows how white text looks on a background with the YUV color 99.9390, -6.8719, 104.4165.

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

99.9390, -6.8719, 104.4165

Protanopia

116.9400, 1.0156, 0.9296

Deuteranopia

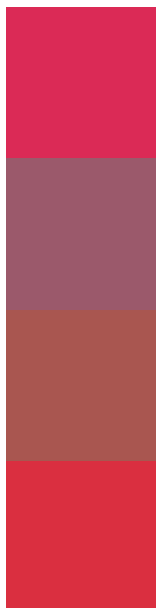
115.7950, -19.1259, 21.2278



Tritanopia

100.4600, -23.8908, 103.0826

Trichromacy



Original Color

99.9390, -6.8719, 104.4165

Protanomaly

110.7860, -1.8665, 38.7757

Deuteranomaly

110.1330, -14.8556, 51.6264

Tritanomaly

100.0670, -17.7810, 103.4272

Monochromacy



Original Color

99.9390, -6.8719, 104.4165

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9600, -2.4453, 37.7461

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9390, -6.8719, 104.4165 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, 42, 86)` looks like.

```
.text, #text, p{  
    color:rgb(219, 42, 86)  
}
```

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, 42, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 42, 86) }
```

Border

The CSS property to change the border of an element to YUV 99.9390, -6.8719, 104.4165 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, 42, 86) }
```


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

```
.border{ border-color:rgb(219, 42, 86) }
```

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

Here you see how a box with a 4 pixel rgb(219, 42, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 42, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 42, 86);  
box-shadow:4px 4px 4px 4px rgb(219, 42,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 99.9390, -6.8719, 104.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 42, 86) }
```

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

```
.background{ background-color: rgb(219, 42,  
86) }
```

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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