

Converting Colors

YUV(81.3640, -1.1655,
140.8778)

Have a look what the booklet for
YUV(81.3640, -1.1655, 140.8778)
contains.

YUV(81.3640, -1.1655, 140.8778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(81.3640, -1.1655,
140.8778)**

Conversions

Conversions Part 1

Format	Color
Hex	F2004F
RGB	242, 0, 79
RGB Percent	95%, 0%, 31%
CMY	0.0510, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.67, 0.05
HSL	340°, 100%, 47%
HSV	340°, 100%, 95%
XYZ	38.0292, 19.4418, 9.1454
YIQ	81.3640, 118.8730, 75.8730

Conversions

Conversions Part 2

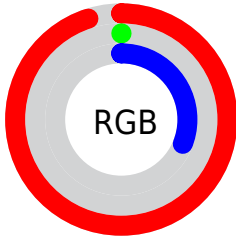
Format	Color
R_{YB}	242, 0, 79
Decimal	15859791
CIE _{Lab}	51.20, 78.78, 28.27
CIE _{LCh}	51, 83.701, 19.743
Yxy	19.4418, 0.5709, 0.2918
Android (android.graphics.Color)	4294049871 (0xFFFF2004F)
YUV	81.3640, -1.1655, 140.8778
Hunter-Lab	44.0928, 76.7905, 18.5675

Details

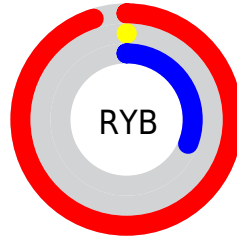
The YUV color **81.3640, -1.1655, 140.8778** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **160.6360, 1.1655, -140.8778**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6020, -9.1708, 95.0650**, and **57.0270, -10.3663, 105.2163** is the 20% darker color. If you saturate the color by 10%, you get **81.3640, -1.1655, 140.8778**, and if you desaturate by 10%, it is **97.2760, -1.1221, 126.9229**.

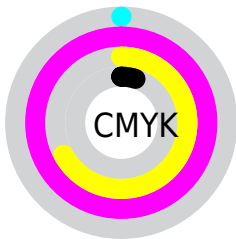
Distribution



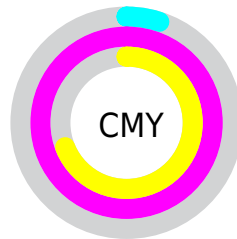
- Red (95%)
- Green (0%)
- Blue (31%)



- Red (95%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.3640, -1.1655, 140.8778 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 81.3640, -1.1655, 140.8778 by changing the saturation by 10% instead.


 81.3640, -1.1655,
140.8778


 81.3640, -1.1655,
140.8778


255.0000, 0.0000,
0.0000


 68.8750, -6.3474,
122.8896


 146.6020, -9.1708,
95.0650


 57.0270, -10.3663,
105.2163


 167.7630, -6.7852,
76.5068

 45.1790, -14.3852,
87.5430


 188.9240, -4.3995,
57.9487

 34.0150, -15.7834,
69.2698

 209.7260, -0.8509,
39.7053

 25.2730, -10.4876,
50.6266

 230.5280, 2.6977,
21.4619

 15.4770, -6.6442,
31.1537

 250.8910, 2.0257,

 0.0000, 0.0000,

■ 81.3640, -1.1655,
140.8778

■ 97.2760, -1.1221,
126.9229

■ 113.3020, -0.6419,
112.8681

■ 129.8010, -0.8879,
98.3985

■ 145.7130, -0.8445,
84.4437

■ 161.6250, -0.8011,
70.4889

■ 177.6510, -0.3209,
56.4341

■ 193.5630, -0.2776,
42.4792

■ 210.0620, -0.5236,
28.0096

■ 226.0880, -0.0434,
13.9548

Harmonies

Analogous

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



86.7670, 31.1739, 128.2463



81.3640, -1.1655, 140.8778



107.7340, -53.1129, 95.8263

Triad

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



81.3640, -1.1655, 140.8778



85.1150, -41.9617, -74.6459



110.0760, 71.4475, -96.5367

Complementary

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



81.3640, -1.1655, 140.8778



160.6360, 1.1655, -140.8778

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.



113.7970, 57.7811, -99.8000



81.3640, -1.1655, 140.8778



98.7660, -2.3496, -86.6178

Square

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



81.3640, -1.1655, 140.8778



109.1670, -53.8193, -4.5315



108.4900, 29.8314, -95.1457



95.9880, 78.3929, -84.1815

Rectangle

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



81.3640, -1.1655, 140.8778



114.6130, -56.5042, 63.4834



108.4900, 29.8314, -95.1457



113.0110, 70.0006, -99.1106

Sweetspot

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



81.3640, -1.1655, 140.8778



204.4600, -0.7198, 44.3236



75.7270, 81.9726, 74.7844



97.4640, -0.2288, 26.7801



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.



81.3640, -1.1655, 140.8778



85.7070, -1.3346, 148.4700



95.8380, -47.2481, 128.1841



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Inverse Universe

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



81.3640, -1.1655, 140.8778



85.7070, -1.3346, 148.4700



146.1620, 47.2481, -128.1841



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 81.3640, -1.1655, 140.8778 looks on a white background.

Color Contrast Check

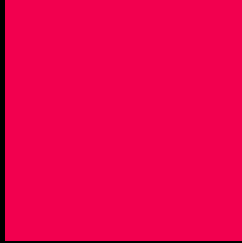
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 81.3640, -1.1655, 140.8778 looks on a black 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

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

YUV 81.3640, -1.1655, 140.8778

Background



This preview shows how black text looks on a background with the YUV color 81.3640, -1.1655, 140.8778.

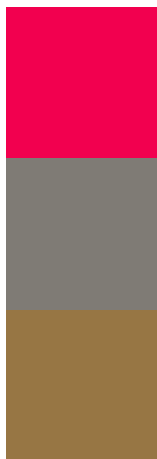


This preview shows how white text looks on a background with the YUV color 81.3640, -1.1655,

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

81.3640, -1.1655, 140.8778

Protanopia

123.5120, -3.2104, 3.0590

Deuteranopia

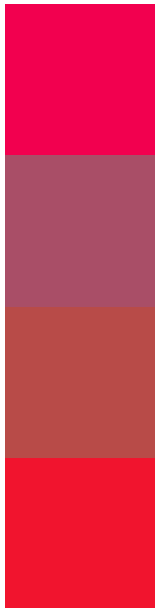
122.1670, -26.7043, 25.2865



Tritanopia

93.9210, -32.9921, 128.9883

Trichromacy



Original Color

81.3640, -1.1655, 140.8778

Protanomaly

108.0590, -2.4941, 53.4453

Deuteranomaly

107.2490, -17.3778, 67.3106

Tritanomaly

89.0430, -21.2202, 133.2663

Monochromacy



Original Color

81.3640, -1.1655, 140.8778

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.5040, -0.7415, 51.3010

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3640, -1.1655, 140.8778 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(242, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 79)  
}
```

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(242, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 79) }
```

Border

The CSS property to change the border of an element to YUV 81.3640, -1.1655, 140.8778 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(242, 0, 79) }
```


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

```
.border{ border-color:rgb(242, 0, 79) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(242, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3640, -1.1655, 140.8778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 79) }
```

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

```
.background{ background-color: rgb(242, 0,  
79) }
```

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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