

Converting Colors

YUV(79.1720, 3.3662, 134.0302)

Have a look what the booklet for
YUV(79.1720, 3.3662, 134.0302)
contains.

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Color

**YUV(79.1720, 3.3662,
134.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	E80056
RGB	232, 0, 86
RGB Percent	91%, 0%, 34%
CMY	0.0902, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.63, 0.09
HSL	338°, 100%, 45%
HSV	338°, 100%, 91%
XYZ	34.9584, 17.8277, 10.4027
YIQ	79.1720, 110.6660, 75.9300

Conversions

Conversions Part 2

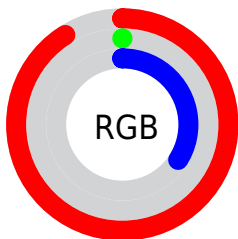
Format	Color
RYB	232, 0, 86
Decimal	15204438
CIELab	49.29, 76.83, 21.13
CIElCh	49, 79.686, 15.378
Yxy	17.8277, 0.5532, 0.2821
Android (android.graphics.Color)	4293394518 (0xFFE80056)
YUV	79.1720, 3.3662, 134.0302
Hunter-Lab	42.2229, 73.8992, 14.9484

Details

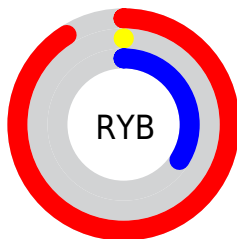
The YUV color **79.1720, 3.3662, 134.0302** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **152.8280, -3.3662, -134.0302**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2260, -5.5344, 95.3948**, and **55.0200, -6.4189, 99.0835** is the 20% darker color. If you saturate the color by 10%, you get **79.1720, 3.3662, 134.0302**, and if you desaturate by 10%, it is **94.3830, 3.2622, 120.6901**.

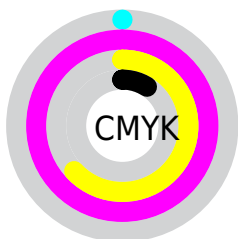
Distribution



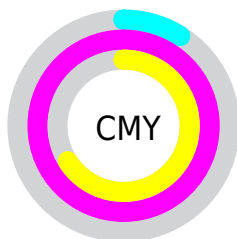
- Red (91%)
- Green (0%)
- Blue (34%)



- Red (91%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.1720, 3.3662, 134.0302 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 79.1720, 3.3662, 134.0302 by changing the saturation by 10% instead.


 79.1720, 3.3662,
134.0302


 79.1720, 3.3662,
134.0302


255.0000, 0.0000,
0.0000


 66.9820, -1.9631,
116.6568


 146.2260, -5.5344,
95.3948

 55.0200, -6.4189,
99.0835


 167.3870, -3.1488,
76.8366


 43.2860, -10.0010,
81.3102


 188.0750, -0.0370,
58.6932

 31.6230, -14.6041,
64.3516

 208.8770, 3.5116,
40.4499

 23.1800, -9.4557,
46.3231

 229.6790, 7.0603,
22.2065

 12.9710, -5.9017,
26.3354

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 79.1720, 3.3662,
134.0302

■ 94.3830, 3.2622,
120.6901

■ 109.4800, 2.7214,
107.4500

■ 125.2780, 2.3279,
93.5952

■ 140.3750, 1.7871,
80.3551

■ 155.5860, 1.6831,
67.0151

■ 170.7970, 1.5791,
53.6750

■ 185.8940, 1.0383,
40.4350

■ 201.6920, 0.6448,
26.5801

■ 216.7890, 0.1040,
13.3400

Harmonies

Analogous

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



95.5380, 28.3288, 107.3992



79.1720, 3.3662, 134.0302



103.2530, -43.5087, 95.3711

Triad

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



79.1720, 3.3662, 134.0302



80.4190, -39.6466, -70.5275



107.7450, 70.1317, -94.4924

Complementary

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



79.1720, 3.3662, 134.0302



152.8280, -3.3662, -134.0302

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.



108.8100, 51.3657, -95.4264



79.1720, 3.3662, 134.0302



93.0610, -6.4391, -81.6145

Square

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



79.1720, 3.3662, 134.0302



106.5640, -52.5361, 3.8904



102.3290, 23.9948, -89.7425



95.4180, 76.2089, -83.6816

Rectangle

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



79.1720, 3.3662, 134.0302



109.0310, -53.7523, 67.5018



102.3290, 23.9948, -89.7425



109.0670, 65.0430, -95.6518

Sweetspot

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



79.1720, 3.3662, 134.0302



204.9160, 1.0274, 43.9237



69.2050, 80.2579, 64.7182



97.6920, 0.6448, 26.5801



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.



79.1720, 3.3662, 134.0302



87.0750, 3.9070, 147.2702



85.2170, -42.0120, 128.7287



107.1580, 0.4151, 6.8774



61.0450, 2.4428, 103.4465



17.4150, 0.7814, 29.4540

Inverse Universe

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



79.1720, 3.3662, 134.0302



87.0750, 3.9070, 147.2702



146.7830, 42.0120, -128.7287



107.1580, 0.4151, 6.8774



61.0450, 2.4428, 103.4465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 79.1720, 3.3662, 134.0302 looks on a white background.

Color Contrast Check

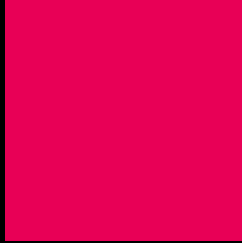
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.1720, 3.3662, 134.0302 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 79.1720, 3.3662, 134.0302

Background



This preview shows how black text looks on a background with the YUV color 79.1720, 3.3662, 134.0302.



This preview shows how white text looks on a background with the YUV color 79.1720, 3.3662,

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

79.1720, 3.3662, 134.0302

Protanopia

119.2110, 3.3470, -0.1850

Deuteranopia

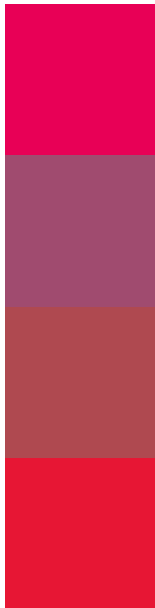
118.3390, -20.8731, 21.6277



Tritanopia

92.9630, -30.0548, 120.1814

Trichromacy



Original Color

79.1720, 3.3662, 134.0302

Protanomaly

104.5190, 3.1951, 48.6568

Deuteranomaly

104.2960, -11.9779, 62.0074

Tritanomaly

87.9110, -17.7041, 125.4891

Monochromacy



Original Color

79.1720, 3.3662, 134.0302

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0630, 1.4479, 49.0567

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.1720, 3.3662, 134.0302 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(232, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 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(232, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 86) }
```

Border

The CSS property to change the border of an element to YUV 79.1720, 3.3662, 134.0302 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(232, 0, 86) }
```


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

```
.border{ border-color:rgb(232, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(232, 0, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.1720, 3.3662, 134.0302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 86) }
```

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

```
.background{ background-color: rgb(232, 0,  
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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