

Converting Colors

YUV(145.4690, -4.1752,
79.3957)

Have a look what the booklet for
YUV(145.4690, -4.1752, 79.3957)
contains.

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Color

**YUV(145.4690, -4.1752,
79.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6589
RGB	236, 101, 137
RGB Percent	93%, 40%, 54%
CMY	0.0745, 0.6039, 0.4627
CMYK	0.00, 0.57, 0.42, 0.07
HSL	344°, 78%, 66%
HSV	344°, 57%, 93%
XYZ	43.7611, 28.9464, 26.9477
YIQ	145.4690, 68.9040, 39.8160

Conversions

Conversions Part 2

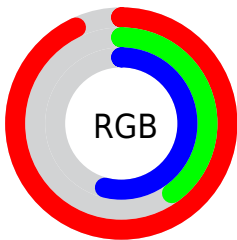
Format	Color
R_{YB}	236, 101, 137
Decimal	15492489
CIE _{Lab}	60.73, 55.34, 6.73
CIE _{LCh}	61, 55.745, 6.935
Yxy	28.9464, 0.4391, 0.2905
Android (android.graphics.Color)	4293682569 (0xFFEC6589)
YUV	145.4690, -4.1752, 79.3957
Hunter-Lab	53.8018, 51.0344, 7.9648

Details

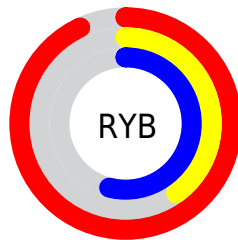
The YUV color **145.4690, -4.1752, 79.3957** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **191.5310, 4.1752, -79.3957**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0640, -0.0316, 56.9489**, and **88.3700, -0.6754, 76.8515** is the 20% darker color. If you saturate the color by 10%, you get **129.4430, -4.6554, 93.4505**, and if you desaturate by 10%, it is **161.4950, -3.6950, 65.3409**.

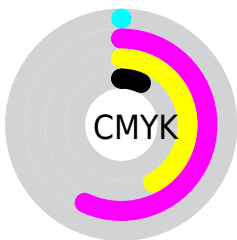
Distribution



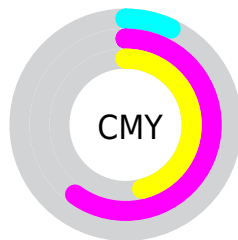
- Red (93%)
- Green (40%)
- Blue (54%)



- Red (93%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (57%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.4690, -4.1752, 79.3957 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 145.4690, -4.1752, 79.3957 by changing the saturation by 10% instead.


 145.4690, -4.1752,
79.3957


 145.4690, -4.1752,
79.3957


255.0000, 0.0000,
0.0000

 117.2130, -2.5700,
77.8662


 190.0640, -0.0316,
56.9489


 88.3700, -0.6754,
76.8515


 209.6920, 4.0958,
39.7351


 51.5370, 6.1443,
82.8441

 229.9070, 7.9338,
22.0066

 39.8850, 1.5357,
67.6299

 247.9560, 3.4727,
6.1776

 29.2330, -3.0729,
52.4157

 19.0650, -8.4130,
38.5310

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 145.4690, -4.1752,
79.3957

■ 145.4690, -4.1752,
79.3957

■ 129.4430, -4.6554,
93.4505

■ 161.4950, -3.6950,
65.3409

■ 113.8900, -5.8618,
107.0905

■ 177.0480, -2.4887,
51.7009

■ 97.8640, -6.3420,
121.1453

■ 193.0740, -2.0085,
37.6461

■ 82.4250, -7.1115,
134.6853

■ 208.5130, -1.2389,
24.1061

■ 77.7460, -7.2698,
138.7888

■ 224.6530, -0.3219,
9.9513

■ 240.6790, 0.1583,
-4.1035

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



149.4720, 18.0083, 57.4681



145.4690, -4.1752, 79.3957



144.1870, -26.7142, 75.2580

Triad

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



145.4690, -4.1752, 79.3957



133.9920, -34.9991, -21.0410



122.1120, 56.6398, -107.0922

Complementary

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



145.4690, -4.1752, 79.3957



191.5310, 4.1752, -79.3957

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.



122.4590, 40.1997, -107.3965



145.4690, -4.1752, 79.3957



112.1950, -3.0541, -94.0100

Square

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



145.4690, -4.1752, 79.3957



139.8740, -49.2379, 19.4045



117.6880, 19.3808, -103.2124



134.4260, 54.0200, -60.0096

Rectangle

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



145.4690, -4.1752, 79.3957



143.4830, -39.1851, 61.8434



117.6880, 19.3808, -103.2124



122.8470, 51.8404, -107.7368

Sweetspot

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



145.4690, -4.1752, 79.3957



226.1110, -1.5337, 25.3357



145.9910, 44.3744, 47.3659



110.5720, -0.7750, 15.2844



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.



145.4690, -4.1752, 79.3957



136.9820, -5.4141, 103.5018



159.5620, -28.8711, 67.0361



109.6310, -0.3111, 6.4626



59.5910, -5.7144, 106.4757



17.7420, -1.8448, 31.7983

Inverse Universe

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



145.4690, -4.1752, 79.3957



136.9820, -5.4141, 103.5018



176.8510, 29.1605, -66.5213



109.6310, -0.3111, 6.4626



59.5910, -5.7144, 106.4757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 145.4690, -4.1752, 79.3957 looks on a white background.

Color Contrast Check

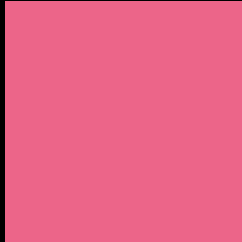
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4690, -4.1752, 79.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

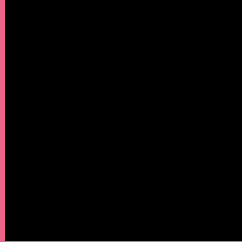
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.4690, -4.1752, 79.3957

Background



This preview shows how black text looks on a background with the YUV color 145.4690, -4.1752, 79.3957.



This preview shows how white text looks on a background with the YUV color 145.4690, -4.1752,

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

145.4690, -4.1752, 79.3957

Protanopia

147.6390, 7.5730, -2.3144

Deuteranopia

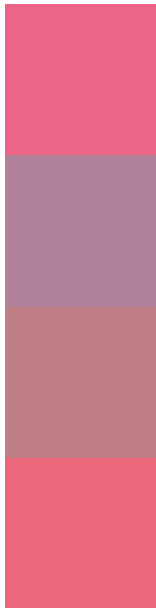
148.2210, -8.4900, 16.4692



Tritanopia

145.0700, -15.8105, 77.9916

Trichromacy



Original Color

145.4690, -4.1752, 79.3957

Protanomaly

147.0880, 3.4076, 27.1098

Deuteranomaly

147.1190, -6.9607, 39.3606

Tritanomaly

145.2210, -11.4480, 78.7362

Monochromacy



Original Color

145.4690, -4.1752, 79.3957

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1330, -1.5446, 28.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4690, -4.1752, 79.3957 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(236, 101, 137)` looks like.

```
.text, #text, p{  
    color:rgb(236, 101, 137)  
}
```

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(236, 101, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 101, 137) }
```

Border

The CSS property to change the border of an element to YUV 145.4690, -4.1752, 79.3957 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(236, 101, 137) }
```


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

```
.border{ border-color:rgb(236, 101, 137) }
```

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

Here you see how a box with a 4 pixel rgb(236, 101, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 101, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 101, 137);  
box-shadow:4px 4px 4px 4px rgb(236, 101,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 145.4690, -4.1752, 79.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 101, 137) }
```

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

```
.background{ background-color: rgb(236,  
101, 137) }
```

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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