

Converting Colors

YUV(173.7240, -7.7519,
59.8781)

Have a look what the booklet for
YUV(173.7240, -7.7519, 59.8781)
contains.

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Color

**YUV(173.7240, -7.7519,
59.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	F28E9E
RGB	242, 142, 158
RGB Percent	95%, 56%, 62%
CMY	0.0510, 0.4431, 0.3804
CMYK	0.00, 0.41, 0.35, 0.05
HSL	350°, 79%, 75%
HSV	350°, 41%, 95%
XYZ	52.4625, 40.6919, 37.4370
YIQ	173.7240, 54.4640, 26.1760

Conversions

Conversions Part 2

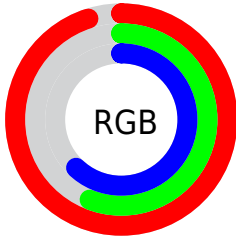
Format	Color
R _Y B	242, 142, 158
Decimal	15896222
CIE Lab	69.96, 39.63, 8.09
CIE LCh	70, 40.451, 11.542
Yxy	40.6919, 0.4017, 0.3116
Android (android.graphics.Color)	4294086302 (0xFFFF28E9E)
YUV	173.7240, -7.7519, 59.8781
Hunter-Lab	63.7902, 35.1697, 9.8572

Details

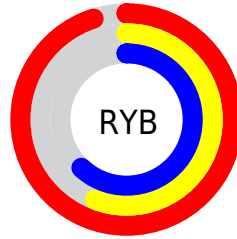
The YUV color **173.7240, -7.7519, 59.8781** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.2760, 7.7519, -59.8781**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1660, -1.5608, 34.0574**, and **119.7450, -6.2833, 55.4746** is the 20% darker color. If you saturate the color by 10%, you get **157.3560, -9.5425, 74.2328**, and if you desaturate by 10%, it is **190.0920, -5.9614, 45.5233**.

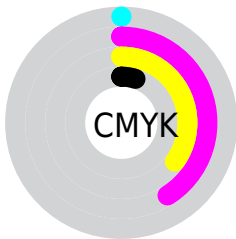
Distribution



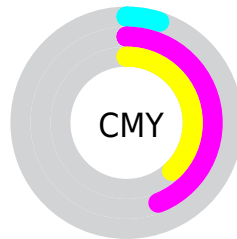
- Red (95%)
- Green (56%)
- Blue (62%)



- Red (95%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.7240, -7.7519, 59.8781 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 173.7240, -7.7519, 59.8781 by changing the saturation by 10% instead.

 173.7240, -7.7519,
59.8781


 173.7240, -7.7519,
59.8781


255.0000, 0.0000,
0.0000


 145.9410, -6.8729,
57.9337


 216.1660, -1.5608,
34.0574


 119.7450, -6.2833,
55.4746

 236.3810, 2.2772,
16.3289

 93.3750, -5.1149,
54.0451

 67.1190, -3.5097,
52.5156

 38.6290, -0.3101,
52.9454

 23.5800, -2.7509,
42.4643

 15.1780, -6.4968,

30.5389

0.0000, 0.0000,
0.0000

173.7240, -7.7519,
59.8781

173.7240, -7.7519,
59.8781

157.3560, -9.5425,
74.2328

190.0920, -5.9614,
45.5233

140.8740,
-11.7699, 88.6875

206.5740, -3.7340,
31.0686

123.9190,
-13.2711, 103.5570


223.5290, -2.2328,
16.1991

107.5510,
-15.0616, 117.9118

239.8970, -0.4422,
1.8443

91.0690, -17.2890,
132.3665

251.1130, 1.9163,
-7.9921

 76.8040, -18.6374,
144.8769

Harmonies

Analogous

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



175.5170, 9.6051, 46.0276



173.7240, -7.7519, 59.8781



172.1630, -23.7444, 55.9850

Triad

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



173.7240, -7.7519, 59.8781



162.3910, -23.3638, -19.6369



154.5370, 42.1333, -74.1389

Complementary

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



173.7240, -7.7519, 59.8781



210.2760, 7.7519, -59.8781

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.



135.3220, 41.2533, -118.6774



173.7240, -7.7519, 59.8781



155.5080, -4.1944, -54.8195

Square

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



173.7240, -7.7519, 59.8781



166.8420, -33.9391, 12.4166



139.6710, 21.8542, -103.1975



169.3520, 36.3085, -25.7417

Rectangle

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



173.7240, -7.7519, 59.8781



171.0340, -31.5688, 45.5742



139.6710, 21.8542, -103.1975



146.7580, 43.5033, -93.6268

Sweetspot

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



173.7240, -7.7519, 59.8781



233.8390, -2.3856, 18.5582



178.2170, 31.4450, 41.0287



115.7240, -1.3429, 10.7661



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.



173.7240, -7.7519, 59.8781



168.2530, -9.9847, 76.0771



191.2710, -24.2906, 44.4893



111.8160, -0.8953, 7.1774



58.3220, -14.4557, 110.2196



17.7700, -4.3236, 33.5277

Inverse Universe

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



173.7240, -7.7519, 59.8781



168.2530, -9.9847, 76.0771



192.7290, 24.2906, -44.4893



111.8160, -0.8953, 7.1774



58.3220, -14.4557, 110.2196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 173.7240, -7.7519, 59.8781 looks on a white background.

Color Contrast Check

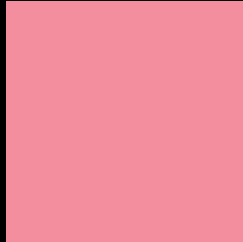
Large Text (above 18pt) WCAG AA × Fail

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 173.7240, -7.7519, 59.8781 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 ✓ Pass

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

YUV 173.7240, -7.7519, 59.8781

Background



This preview shows how black text looks on a background with the YUV color 173.7240, -7.7519, 59.8781.



This preview shows how white text looks on a background with the YUV color 173.7240, -7.7519,

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

173.7240, -7.7519, 59.8781

Protanopia

172.2390, 0.8682, 1.5444

Deuteranopia

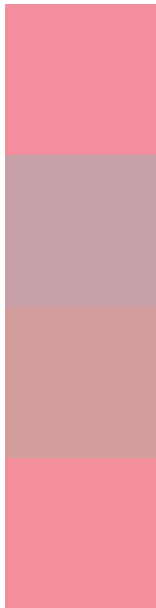
172.4170, -9.0796, 18.9283



Tritanopia

173.7410, -10.2253, 59.8631

Trichromacy



Original Color

173.7240, -7.7519, 59.8781

Protanomaly

172.5730, -2.2545, 23.1765

Deuteranomaly

172.9180, -8.8336, 33.3979

Tritanomaly

173.9690, -9.3517, 59.6632

Monochromacy



Original Color

173.7240, -7.7519, 59.8781

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7470, -2.8333, 22.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7240, -7.7519, 59.8781 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, 142, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 158)  
}
```

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, 142, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 158) }
```

Border

The CSS property to change the border of an element to YUV 173.7240, -7.7519, 59.8781 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, 142, 158) }
```


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

```
.border{ border-color:rgb(242, 142, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 142, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 142, 158); box-shadow:4px 4px 4px 4px rgb(242, 142, 158) }
```

Background

The CSS property to change the background color of an element to YUV 173.7240, -7.7519, 59.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 158) }
```

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

```
.background{ background-color: rgb(242,  
142, 158) }
```

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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