

Converting Colors

YUV(199.1940, 12.7224,
26.1399)

Have a look what the booklet for
YUV(199.1940, 12.7224, 26.1399)
contains.

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Color

**YUV(199.1940, 12.7224,
26.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3E1
RGB	229, 179, 225
RGB Percent	90%, 70%, 88%
CMY	0.1020, 0.2980, 0.1176
CMYK	0.00, 0.22, 0.02, 0.10
HSL	305°, 49%, 80%
HSV	305°, 22%, 90%
XYZ	62.0238, 54.3345, 78.4528
YIQ	199.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

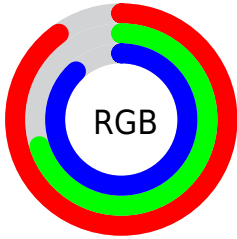
Format	Color
R _Y B	229, 179, 225
Decimal	15053793
CIE Lab	78.66, 25.69, -16.10
CIE LCh	79, 30.314, 327.922
Yxy	54.3345, 0.3184, 0.2789
Android (android.graphics.Color)	4293243873 (0xFFE5B3E1)
YUV	199.1940, 12.7224, 26.1399
Hunter-Lab	73.7119, 21.2004, -11.5049

Details

The YUV color $199.1940, 12.7224, 26.1399$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $208.8060, -12.7224, -26.1399$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $145.0690, 12.2910, 24.4955$ is the 20% darker color. If you saturate the color by 10%, you get $185.4650, 18.5048, 38.1802$, and if you desaturate by 10%, it is $212.9230, 6.9400, 14.0995$.

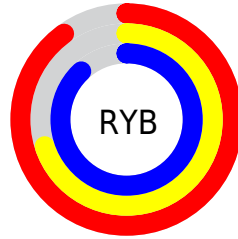
Distribution



Red (90%)

Green (70%)

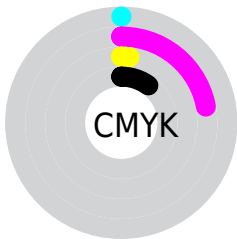
Blue (88%)



Red (90%)

Yellow (70%)

Blue (88%)

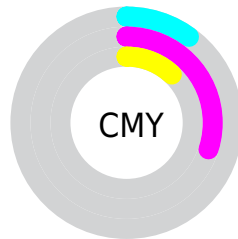


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (30%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1940, 12.7224, 26.1399 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 199.1940, 12.7224, 26.1399 by changing the saturation by 10% instead.

199.1940, 12.7224,
26.1399

199.1940, 12.7224,
26.1399

255.0000, 0.0000,
0.0000

171.7810, 12.4330,
25.6251

243.2600, 5.7878,
10.2960

145.0690, 12.2910,
24.4955

119.2430, 11.7122,
23.4659

93.8300, 11.4228,
22.9511

70.1180, 11.2808,
21.8215

46.4060, 11.1388,
20.6919

23.5200, 11.5756,

20.5920

■ 11.0370, 7.3768,
13.9996

■ 0.0000, 0.0000,
0.0000

■ 199.1940, 12.7224,
26.1399

■ 199.1940, 12.7224,
26.1399

■ 185.4650, 18.5048,
38.1802

■ 212.9230, 6.9400,
14.0995

■ 171.7360, 24.2872,
50.2205

■ 226.6520, 1.1576,
2.0592

■ 158.1210, 30.5063,
62.1609

■ 240.2670, -5.0616,
-9.8812

■ 144.3920, 36.2887,
74.2012

■ 244.6040, -6.2138,
-13.6847

130.6630, 42.0711,
86.2415

244.8320, -5.3402,
-13.8847

117.5210, 47.5641,
97.7671

245.0600, -4.4666,
-14.0846

103.7920, 53.3465,
109.8074

245.2880, -3.5930,
-14.2846

92.5250, 58.4082,
119.6886

245.5160, -2.7194,
-14.4845

245.6300, -2.2826,
-14.5845

Harmonies

Analogous

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



196.7760, 23.2814, -0.6806



199.1940, 12.7224, 26.1399



198.8620, -0.4250, 43.0940

Triad

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



199.1940, 12.7224, 26.1399



193.3190, -27.2723, 20.7682



180.6420, 19.4035, -63.7070

Complementary

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



199.1940, 12.7224, 26.1399



208.8060, -12.7224, -26.1399

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.



182.5330, 4.6672, -50.4564



199.1940, 12.7224, 26.1399



190.3160, -22.8338, -2.9081

Square

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



199.1940, 12.7224, 26.1399



196.0530, -23.6901, 38.5415



186.5500, -11.1171, -27.6693



184.1020, 28.5437, -55.3405

Rectangle

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



199.1940, 12.7224, 26.1399



197.8920, -9.3138, 47.4527



186.5500, -11.1171, -27.6693



180.5130, 15.0301, -60.9629

Sweetspot

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



199.1940, 12.7224, 26.1399



244.3200, 4.7722, 9.3664



185.5970, 21.3977, -3.1546



121.4290, 2.7465, 5.7628



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.



199.1940, 12.7224, 26.1399



215.6880, 16.9158, 34.4766



196.4580, 2.2392, 28.5393



107.8420, 3.0359, 6.2776



72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Inverse Universe

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



199.1940, 12.7224, 26.1399



215.6880, 16.9158, 34.4766



211.5420, -2.2392, -28.5393



107.8420, 3.0359, 6.2776



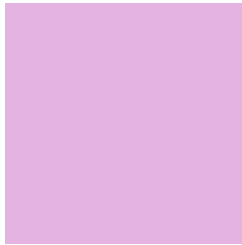
72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 199.1940, 12.7224, 26.1399 looks on a white background.

Color Contrast Check

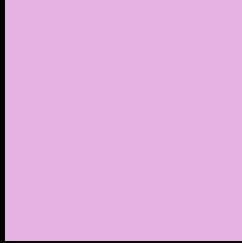
Large Text (above 18pt) WCAG AA × Fail

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 199.1940, 12.7224, 26.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

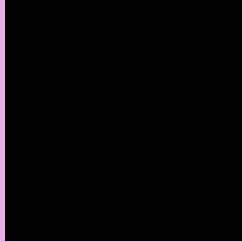
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1940, 12.7224, 26.1399

Background



This preview shows how black text looks on a background with the YUV color 199.1940, 12.7224, 26.1399.



This preview shows how white text looks on a background with the YUV color 199.1940, 12.7224,

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

199.1940, 12.7224, 26.1399

Protanopia

195.5810, 18.9406, -8.4025

Deuteranopia

197.0510, 12.7929, 3.4633



Tritanopia

197.8550, 0.0715, 23.8062

Trichromacy



Original Color

199.1940, 12.7224, 26.1399

Protanomaly

197.0880, 16.7186, 4.3078

Deuteranomaly

197.8070, 12.9131, 11.5703

Tritanomaly

198.1200, 4.8708, 24.4508

Monochromacy



Original Color

199.1940, 12.7224, 26.1399

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2060, 4.3354, 9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1940, 12.7224, 26.1399 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(229, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 225)  
}
```

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(229, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 225) }
```

Border

The CSS property to change the border of an element to YUV 199.1940, 12.7224, 26.1399 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(229, 179, 225) }
```


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

```
.border{ border-color:rgb(229, 179, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 199.1940, 12.7224, 26.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 225) }
```

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

```
.background{ background-color: rgb(229,  
179, 225) }
```

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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