

Converting Colors

YUV(193.2530, -0.1247,
40.1201)

Have a look what the booklet for
YUV(193.2530, -0.1247, 40.1201)
contains.

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Color

**YUV(193.2530, -0.1247,
40.1201)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EFAAC1 |
| RGB | 239, 170, 193 |
| RGB Percent | 94%, 67%, 76% |
| CMY | 0.0627, 0.3333, 0.2431 |
| CMYK | 0.00, 0.29, 0.19, 0.06 |
| HSL | 340°, 68%, 80% |
| HSV | 340°, 29%, 94% |
| XYZ | 59.5970, 50.9504, 57.1454 |
| YIQ | 193.2530, 33.7410, 21.7810 |

Conversions

Conversions Part 2

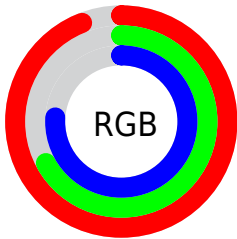
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 170, 193 |
| Decimal | 15706817 |
| CIE Lab | 76.65, 28.61, -1.59 |
| CIE LCh | 77, 28.650, 356.826 |
| Yxy | 50.9504, 0.3554, 0.3038 |
| Android (android.graphics.Color) | 4293896897 (0xFFEFAAC1) |
| YUV | 193.2530, -0.1247, 40.1201 |
| Hunter-Lab | 71.3796, 24.1208, 2.4990 |

Details

The YUV color **193.2530, -0.1247, 40.1201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **215.7470, 0.1247, -40.1201**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2930, 5.7716, 15.5290**, and **139.0570, 0.4649, 37.6610** is the 20% darker color. If you saturate the color by 10%, you get **177.3410, -0.1681, 54.0749**, and if you desaturate by 10%, it is **209.1650, -0.0813, 26.1653**.

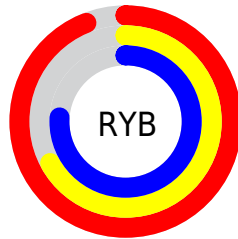
Distribution



Red (94%)

Green (67%)

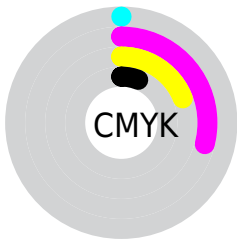
Blue (76%)



Red (94%)

Yellow (67%)

Blue (76%)

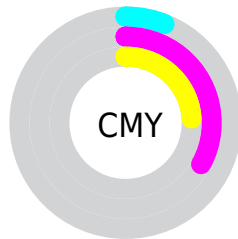


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (6%)



Cyan (6%)


Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2530, -0.1247, 40.1201 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 193.2530, -0.1247, 40.1201 by changing the saturation by 10% instead.


 193.2530, -0.1247,
40.1201

 193.2530, -0.1247,
40.1201


255.0000, 0.0000,
0.0000


 165.6550, 0.1701,
38.8906


 237.2930, 5.7716,
15.5290

 139.0570, 0.4649,
37.6610

 113.0460, 0.4703,
35.9167

 87.5620, 1.2019,
34.5871

 63.5510, 1.2074,
32.8428

 39.4800, 2.2284,
32.0280

 17.9850, 2.9654,

28.9542

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 193.2530, -0.1247,
40.1201

■ 193.2530, -0.1247,
40.1201

■ 177.3410, -0.1681,
54.0749

■ 209.1650, -0.0813,
26.1653

■ 161.4290, -0.2115,
68.0298

■ 225.0770, -0.0380,
12.2105

■ 145.5170, -0.2549,
81.9846

■ 240.9890, 0.0054,
-1.7444

■ 129.6050, -0.2983,
95.9394

■ 250.2160, 2.3585,
-9.8364

■ 113.6930, -0.3416,
109.8942

■ 98.3680, -0.6744,
123.3343

■ 82.4560, -0.7178,
137.2891

■ 80.5810, -0.2864,
138.9335

Harmonies

Analogous

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



193.6560, 12.0016, 23.9807



193.2530, -0.1247, 40.1201



191.9580, -12.7973, 44.7638

Triad

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



193.2530, -0.1247, 40.1201



185.2560, -21.8182, -1.9785



179.8420, 26.2069, -52.4814

Complementary

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



193.2530, -0.1247, 40.1201



215.7470, 0.1247, -40.1201

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.



175.9200, 17.7874, -58.6888



193.2530, -0.1247, 40.1201



181.8600, -11.2700, -25.3102

Square

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



193.2530, -0.1247, 40.1201



187.7750, -25.5251, 20.3683



178.2130, 3.3460, -46.6678



185.7400, 27.7362, -29.5900

Rectangle

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



193.2530, -0.1247, 40.1201



190.9160, -19.1856, 40.4157



178.2130, 3.3460, -46.6678



177.6520, 24.3286, -56.6998

Sweetspot

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



193.2530, -0.1247, 40.1201



239.7890, 0.1040, 13.3400



191.6200, 23.3583, 21.3813



118.0550, -0.0271, 8.7218



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.



193.2530, -0.1247, 40.1201



196.0310, -0.0153, 51.7158



197.0880, -13.3544, 36.7568



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Inverse Universe

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



193.2530, -0.1247, 40.1201



196.0310, -0.0153, 51.7158



211.3250, 13.6438, -36.2420



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 193.2530, -0.1247, 40.1201 looks on a white background.

Color Contrast Check

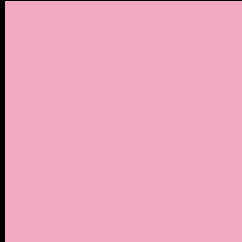
Large Text (above 18pt) WCAG AA × Fail

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 193.2530, -0.1247, 40.1201 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 193.2530, -0.1247, 40.1201

Background



This preview shows how black text looks on a background with the YUV color 193.2530, -0.1247, 40.1201.



This preview shows how white text looks on a background with the YUV color 193.2530, -0.1247,

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

193.2530, -0.1247, 40.1201

Protanopia

190.1230, 6.8414, -0.9849

Deuteranopia

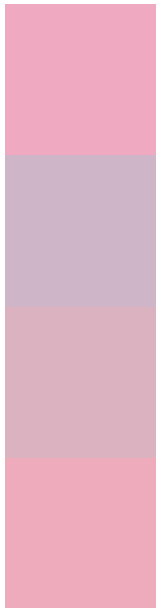
191.0880, -0.0434, 13.9548



Tritanopia

192.6290, -3.7611, 39.7904

Trichromacy



Original Color

193.2530, -0.1247, 40.1201

Protanomaly

190.9400, 4.4666, 14.0846

Deuteranomaly

191.8550, 0.0715, 23.8062

Tritanomaly

192.9710, -2.4507, 39.4904

Monochromacy



Original Color

193.2530, -0.1247, 40.1201

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.3870, -0.1908, 14.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2530, -0.1247, 40.1201 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(239, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(239, 170, 193)  
}
```

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(239, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 170, 193) }
```

Border

The CSS property to change the border of an element to YUV 193.2530, -0.1247, 40.1201 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(239, 170, 193) }
```


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

```
.border{ border-color:rgb(239, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(239, 170,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 193.2530, -0.1247, 40.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 170, 193) }
```

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

```
.background{ background-color: rgb(239,  
170, 193) }
```

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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