

Converting Colors

YUV(173.5010, 10.5990,
53.9346)

Have a look what the booklet for
YUV(173.5010, 10.5990, 53.9346)
contains.

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Color

**YUV(173.5010, 10.5990,
53.9346)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8AC3
RGB	235, 138, 195
RGB Percent	92%, 54%, 76%
CMY	0.0784, 0.4588, 0.2353
CMYK	0.00, 0.41, 0.17, 0.08
HSL	325°, 71%, 73%
HSV	325°, 41%, 92%
XYZ	53.1998, 39.7793, 56.5040
YIQ	173.5010, 39.5150, 38.2910

Conversions

Conversions Part 2

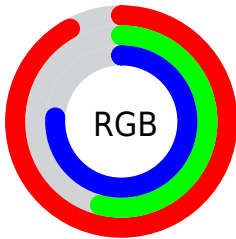
Format	Color
R _Y B	235, 138, 195
Decimal	15436483
CIE Lab	69.31, 44.34, -13.63
CIE LCh	69, 46.384, 342.911
Yxy	39.7793, 0.3559, 0.2661
Android (android.graphics.Color)	4293626563 (0xFFEB8AC3)
YUV	173.5010, 10.5990, 53.9346
Hunter-Lab	63.0708, 40.1895, -8.9673

Details

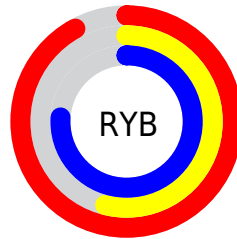
The YUV color $173.5010, 10.5990, 53.9346$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $199.4990, -10.5990, -53.9346$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.2640, 16.6318, 32.2175$, and $118.8920, 10.8992, 50.9607$ is the 20% darker color. If you saturate the color by 10%, you get $158.8600, 12.8870, 66.7748$, and if you desaturate by 10%, it is $188.7290, 8.0216, 40.5797$.

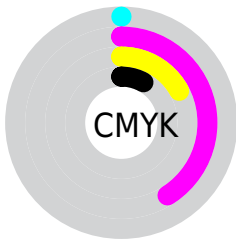
Distribution



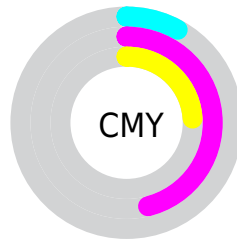
- Red (92%)
- Green (54%)
- Blue (76%)



- Red (92%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.5010, 10.5990, 53.9346 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 173.5010, 10.5990, 53.9346 by changing the saturation by 10% instead.


 173.5010, 10.5990,
53.9346


 173.5010, 10.5990,
53.9346


255.0000, 0.0000,
0.0000


 145.9030, 10.8938,
52.7051


 218.2640, 16.6318,
32.2175


 118.8920, 10.8992,
50.9607


 235.6290, 9.5499,
16.9884

 92.4080, 11.6309,
49.6312

 252.6520, 1.1576,
2.0592

 65.6360, 12.5045,
49.4312

 36.1570, 15.6986,
51.6053

 25.7610, 9.4848,
37.9206

 16.9030, 3.9918,

26.3951

■ 0.0000, 0.0000,
0.0000

■ 173.5010, 10.5990,
53.9346

■ 173.5010, 10.5990,
53.9346

■ 158.8600, 12.8870,
66.7748

■ 188.7290, 8.0216,
40.5797

■ 143.7460, 15.9012,
80.0298

■ 203.2560, 5.2968,
27.8395

■ 129.1050, 18.1892,
92.8699

■ 218.4840, 2.7194,
14.4845

■ 113.8770, 20.7666,
106.2249

■ 233.1250, 0.4314,
1.6444

■ 99.3500, 23.4915,
118.9651

■ 247.6520, -2.2934,
-11.0958

■ 85.9970, 25.6375,
130.6756

■ 248.7920, 2.0745,
-12.0956

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



173.5750, 28.3105, 19.6667



173.5010, 10.5990, 53.9346



171.1380, -8.9420, 68.2850

Triad

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



173.5010, 10.5990, 53.9346



164.1640, -39.0279, 11.2572



136.0060, 43.8740, -119.2773

Complementary

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



173.5010, 10.5990, 53.9346



199.4990, -10.5990, -53.9346

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.



133.4350, 26.4075, -117.0225



173.5010, 10.5990, 53.9346



158.6740, -25.9683, -24.2701

Square

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



173.5010, 10.5990, 53.9346



167.0630, -38.9781, 42.0407



148.1750, -2.5513, -68.5595



139.7270, 53.8716, -105.8776

Rectangle

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



173.5010, 10.5990, 53.9346



170.0980, -21.7403, 66.5661



148.1750, -2.5513, -68.5595



135.9260, 38.4905, -119.2071

Sweetspot

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



173.5010, 10.5990, 53.9346



235.3210, 3.2927, 17.2585



160.7190, 36.6205, 14.2784



116.5220, 1.7147, 10.0662



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.



173.5010, 10.5990, 53.9346



174.4090, 13.6024, 70.6783



168.1430, -9.9305, 58.6336



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Inverse Universe

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



173.5010, 10.5990, 53.9346



174.4090, 13.6024, 70.6783



204.8570, 9.9305, -58.6336



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 173.5010, 10.5990, 53.9346 looks on a white background.

Color Contrast Check

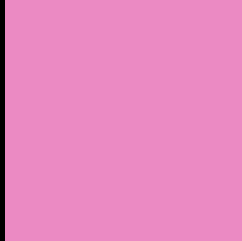
Large Text (above 18pt) WCAG AA × Fail

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 173.5010, 10.5990, 53.9346 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 173.5010, 10.5990, 53.9346 Background



This preview shows how black text looks on a background with the YUV color 173.5010, 10.5990, 53.9346.



This preview shows how white text looks on a background with the YUV color 173.5010, 10.5990,

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

173.5010, 10.5990, 53.9346

Protanopia

170.3680, 22.0036, -10.8467

Deuteranopia

171.4380, 9.1511, 4.8779



Tritanopia

171.9680, -7.8722, 51.7711

Trichromacy



Original Color

173.5010, 10.5990, 53.9346



Protanomaly

171.4850, 18.0019, 12.7297



Deuteranomaly

172.0750, 9.8230, 22.7362



Tritanomaly

172.1020, -1.0363, 52.5305

Monochromacy



Original Color

173.5010, 10.5990, 53.9346



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8590, 4.0135, 19.4177

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5010, 10.5990, 53.9346 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(235, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(235, 138, 195)  
}
```

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(235, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 138, 195) }
```

Border

The CSS property to change the border of an element to YUV 173.5010, 10.5990, 53.9346 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(235, 138, 195) }
```


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

```
.border{ border-color:rgb(235, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(235, 138,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 173.5010, 10.5990, 53.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 138, 195) }
```

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

```
.background{ background-color: rgb(235,  
138, 195) }
```

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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