

Converting Colors

YUV(172.6400, -0.3155,
54.6897)

Have a look what the booklet for
YUV(172.6400, -0.3155, 54.6897)
contains.

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Color

**YUV(172.6400, -0.3155,
54.6897)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8DAC
RGB	235, 141, 172
RGB Percent	92%, 55%, 67%
CMY	0.0784, 0.4471, 0.3255
CMYK	0.00, 0.40, 0.27, 0.08
HSL	340°, 70%, 74%
HSV	340°, 40%, 92%
XYZ	51.2322, 39.6905, 43.9905
YIQ	172.6400, 46.0730, 29.5690

Conversions

Conversions Part 2

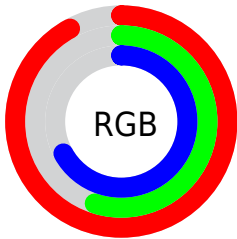
Format	Color
R _Y B	235, 141, 172
Decimal	15437228
CIE Lab	69.25, 39.47, -0.87
CIE LCh	69, 39.475, 358.733
Yxy	39.6905, 0.3797, 0.2942
Android (android.graphics.Color)	4293627308 (0xFFEB8DAC)
YUV	172.6400, -0.3155, 54.6897
Hunter-Lab	63.0004, 34.9064, 2.7005

Details

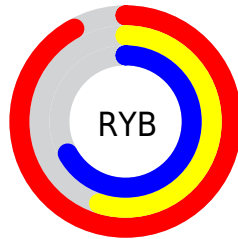
The YUV color $172.6400, -0.3155, 54.6897$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $203.3600, 0.3155, -54.6897$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.1750, 4.8437, 33.1725$, and $118.8460, 0.5689, 51.0011$ is the 20% darker color. If you saturate the color by 10%, you get $157.3150, -0.6483, 68.1297$, and if you desaturate by 10%, it is $188.5520, -0.2721, 40.7349$.

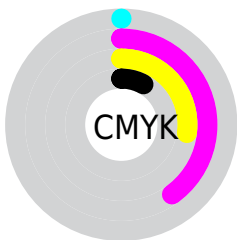
Distribution



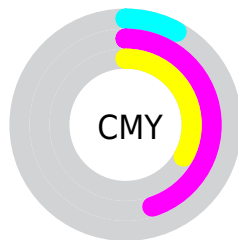
- Red (92%)
- Green (55%)
- Blue (67%)



- Red (92%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6400, -0.3155, 54.6897 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 172.6400, -0.3155, 54.6897 by changing the saturation by 10% instead.


 172.6400, -0.3155,
54.6897

 172.6400, -0.3155,
54.6897

255.0000, 0.0000,
0.0000


 145.6290, -0.3101,
52.9454


 217.1750, 4.8437,
33.1725

 118.8460, 0.5689,
51.0011

 236.8030, 8.9711,
15.9588

 92.3620, 1.3005,
49.6715

 253.8260, 0.5788,
1.0296

 66.9920, 2.4689,
48.2420

 38.6870, 5.0843,
49.3865

 23.5240, 2.2067,
39.0055

 14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 172.6400, -0.3155,
54.6897

■ 172.6400, -0.3155,
54.6897

■ 157.3150, -0.6483,
68.1297

■ 188.5520, -0.2721,
40.7349

■ 141.5170, -0.2549,
81.9846

■ 203.8770, 0.0606,
27.2949

■ 126.1920, -0.5877,
95.4246

■ 219.6750, -0.3328,
13.4400

■ 110.2800, -0.6310,
109.3794

■ 235.0000, 0.0000,
0.0000

■ 94.3680, -0.6744,
123.3343

■ 248.5640, 1.2009,
-11.8956

■ 79.1570, -0.5704,
136.6743

■ 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.



174.1610, 16.1896, 34.0618



172.6400, -0.3155, 54.6897



171.0090, -16.7664, 57.8741

Triad

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



172.6400, -0.3155, 54.6897



162.8120, -28.5013, -5.0971



144.0030, 41.9035, -93.8416

Complementary

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



172.6400, -0.3155, 54.6897



203.3600, 0.3155, -54.6897

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.



132.7970, 34.1171, -116.4630



172.6400, -0.3155, 54.6897



157.0280, -12.8318, -37.7356

Square

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



172.6400, -0.3155, 54.6897



166.5060, -34.2665, 24.1122



147.8180, 8.9637, -75.2624



162.6980, 38.1099, -43.5851

Rectangle

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



172.6400, -0.3155, 54.6897



169.8590, -26.0595, 51.8667



147.8180, 8.9637, -75.2624



133.9030, 43.4318, -117.4329

Sweetspot

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



172.6400, -0.3155, 54.6897



234.4090, -0.2016, 18.0583



170.5530, 31.7724, 29.3330



116.0660, -0.0325, 10.4661



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.



172.6400, -0.3155, 54.6897



174.0380, -0.5117, 71.0037



178.4980, -18.4865, 49.5523



109.6310, -0.3111, 6.4626



60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Inverse Universe

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



172.6400, -0.3155, 54.6897



174.0380, -0.5117, 71.0037



197.5020, 18.4865, -49.5523



109.6310, -0.3111, 6.4626



60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 172.6400, -0.3155, 54.6897 looks on a white background.

Color Contrast Check

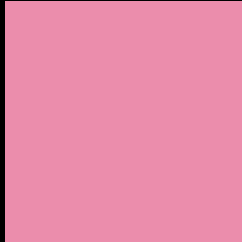
Large Text (above 18pt) WCAG AA × Fail

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 172.6400, -0.3155, 54.6897 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 172.6400, -0.3155, 54.6897

Background



This preview shows how black text looks on a background with the YUV color 172.6400, -0.3155, 54.6897.



This preview shows how white text looks on a background with the YUV color 172.6400, -0.3155,

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

172.6400, -0.3155, 54.6897

Protanopia

169.9810, 8.8834, -2.6143

Deuteranopia

171.0340, -1.4958, 13.1252



Tritanopia

171.8650, -8.3144, 53.6154

Trichromacy



Original Color

172.6400, -0.3155, 54.6897

Protanomaly

170.9020, 5.4713, 18.5029

Deuteranomaly

171.8340, -1.3972, 28.2096

Tritanomaly

172.2610, -5.5517, 54.1451

Monochromacy



Original Color

172.6400, -0.3155, 54.6897

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6400, -0.3155, 54.6897 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, 141, 172)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 172)  
}
```

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, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 172) }
```

Border

The CSS property to change the border of an element to YUV 172.6400, -0.3155, 54.6897 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, 141, 172) }
```


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

```
.border{ border-color:rgb(235, 141, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 172);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 172.6400, -0.3155, 54.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 172) }
```

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

```
.background{ background-color: rgb(235,  
141, 172) }
```

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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