

Converting Colors

YUV(171.4400, -3.6679,
56.6191)

Have a look what the booklet for
YUV(171.4400, -3.6679, 56.6191)
contains.

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Color

**YUV(171.4400, -3.6679,
56.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8CA4
RGB	236, 140, 164
RGB Percent	93%, 55%, 64%
CMY	0.0745, 0.4510, 0.3569
CMYK	0.00, 0.41, 0.31, 0.07
HSL	345°, 72%, 74%
HSV	345°, 41%, 93%
XYZ	50.6710, 39.2694, 40.0311
YIQ	171.4400, 49.5120, 27.8160

Conversions

Conversions Part 2

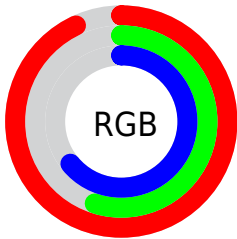
Format	Color
R _Y B	236, 140, 164
Decimal	15502500
CIE Lab	68.95, 39.28, 3.18
CIE LCh	69, 39.407, 4.631
Yxy	39.2694, 0.3899, 0.3021
Android (android.graphics.Color)	4293692580 (0xFFEC8CA4)
YUV	171.4400, -3.6679, 56.6191
Hunter-Lab	62.6653, 34.6704, 5.9908

Details

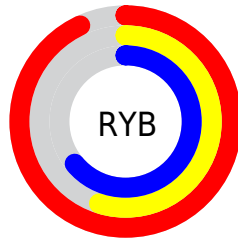
The YUV color **171.4400, -3.6679, 56.6191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.5600, 3.6679, -56.6191**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6760, 1.6387, 34.4871**, and **117.6460, -2.7835, 52.9305** is the 20% darker color. If you saturate the color by 10%, you get **155.3000, -4.5849, 70.7739**, and if you desaturate by 10%, it is **187.5800, -2.7509, 42.4643**.

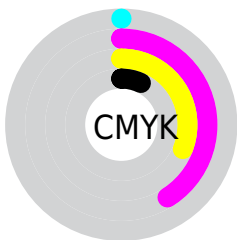
Distribution



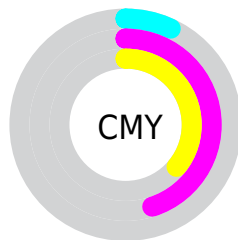
- Red (93%)
- Green (55%)
- Blue (64%)



- Red (93%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4400, -3.6679, 56.6191 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 171.4400, -3.6679, 56.6191 by changing the saturation by 10% instead.

 171.4400, -3.6679,
56.6191

 171.4400, -3.6679,
56.6191


255.0000, 0.0000,
0.0000

 144.5430, -3.2257,
54.7748


 215.6760, 1.6387,
34.4871

 117.6460, -2.7835,
52.9305

 235.3040, 5.7661,
17.2734

 91.2760, -1.6151,
51.5009

 253.2390, 0.8682,
1.5444

 65.6070, -0.2993,
49.4567

 36.8290, 3.0423,
51.0160

 22.9540, 0.0227,
39.5053

 13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,
0.0000

■ 171.4400, -3.6679,
56.6191

■ 171.4400, -3.6679,
56.6191

■ 155.3000, -4.5849,
70.7739

■ 187.5800, -2.7509,
42.4643

■ 139.8610, -5.3545,
84.3139

■ 203.0190, -1.9814,
28.9243

■ 123.7210, -6.2715,
98.4687

■ 219.1590, -1.0644,
14.7696

■ 108.1680, -7.4778,
112.1087

■ 234.7120, 0.1420,
1.1296

■ 92.0280, -8.3948,
126.2634

■ 248.9770, 1.4903,
-11.3808

■ 77.2900, -9.0170,
139.1887

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



172.9830, 12.8264, 39.4799



171.4400, -3.6679, 56.6191



169.6130, -19.5292, 57.3444

Triad

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



171.4400, -3.6679, 56.6191



161.0500, -26.1537, -11.4449



148.2540, 41.2868, -82.6608

Complementary

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



171.4400, -3.6679, 56.6191



204.5600, 3.6679, -56.6191

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.



132.8940, 37.0273, -116.5480



171.4400, -3.6679, 56.6191



155.1950, -9.4631, -44.8980

Square

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



171.4400, -3.6679, 56.6191



165.1740, -34.1028, 18.2644



143.8430, 14.3744, -84.0543



164.1120, 36.9198, -35.1782

Rectangle

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



171.4400, -3.6679, 56.6191



168.2670, -28.2326, 48.8778



143.8430, 14.3744, -84.0543



138.4640, 42.6622, -103.8929

Sweetspot

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



171.4400, -3.6679, 56.6191



234.1810, -1.0752, 18.2583



172.4720, 31.3193, 34.6661



115.8380, -0.9061, 10.6661



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.



171.4400, -3.6679, 56.6191



170.9090, -4.8851, 73.7478



182.7920, -21.0965, 46.6634



109.6310, -0.3111, 6.4626



59.2490, -7.0248, 106.7756



17.6280, -2.2816, 31.8982

Inverse Universe

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



171.4400, -3.6679, 56.6191



170.9090, -4.8851, 73.7478



193.2080, 21.0965, -46.6634



109.6310, -0.3111, 6.4626



59.2490, -7.0248, 106.7756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 171.4400, -3.6679, 56.6191 looks on a white background.

Color Contrast Check

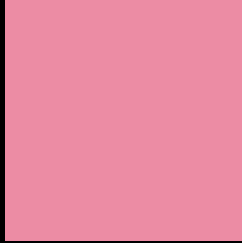
Large Text (above 18pt) WCAG AA × Fail

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 171.4400, -3.6679, 56.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

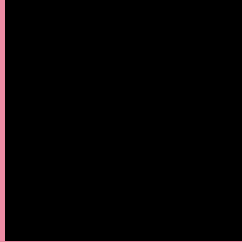
Any Text WCAG AA ✓ Pass

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 171.4400, -3.6679, 56.6191 Background



This preview shows how black text looks on a background with the YUV color 171.4400, -3.6679, 56.6191.



This preview shows how white text looks on a background with the YUV color 171.4400, -3.6679,

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

171.4400, -3.6679, 56.6191

Protanopia

169.3680, 5.2416, -1.1997

Deuteranopia

170.1330, -4.9956, 15.6694



Tritanopia

171.0610, -8.9041, 56.0745

Trichromacy



Original Color

171.4400, -3.6679, 56.6191

Protanomaly

170.2890, 1.8295, 19.9175

Deuteranomaly

170.6340, -4.7496, 30.1390

Tritanomaly

170.9300, -6.8675, 56.1894

Monochromacy



Original Color

171.4400, -3.6679, 56.6191

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.3770, -1.6649, 20.7174

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4400, -3.6679, 56.6191 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(236, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 164)  
}
```

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(236, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 164) }
```

Border

The CSS property to change the border of an element to YUV 171.4400, -3.6679, 56.6191 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(236, 140, 164) }
```


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

```
.border{ border-color:rgb(236, 140, 164) }
```

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

Here you see how a box with a 4 pixel rgb(236, 140, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 171.4400, -3.6679, 56.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 164) }
```

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

```
.background{ background-color: rgb(236,  
140, 164) }
```

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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