

Converting Colors

YUV(168.0020, 7.3940, 55.2492)

Have a look what the booklet for
YUV(168.0020, 7.3940, 55.2492)
contains.

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Color

**YUV(168.0020, 7.3940,
55.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	E785B7
RGB	231, 133, 183
RGB Percent	91%, 52%, 72%
CMY	0.0941, 0.4784, 0.2824
CMYK	0.00, 0.42, 0.21, 0.09
HSL	329°, 67%, 71%
HSV	329°, 42%, 91%
XYZ	49.8898, 37.1829, 49.3473
YIQ	168.0020, 42.3580, 36.3260

Conversions

Conversions Part 2

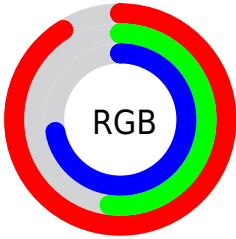
Format	Color
R _Y B	231, 133, 183
Decimal	15173047
CIE Lab	67.41, 43.79, -9.81
CIE LCh	67, 44.872, 347.374
Yxy	37.1829, 0.3657, 0.2726
Android (android.graphics.Color)	4293363127 (0xFFE785B7)
YUV	168.0020, 7.3940, 55.2492
Hunter-Lab	60.9778, 39.3311, -5.2970

Details

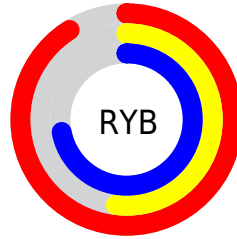
The YUV color **168.0020, 7.3940, 55.2492** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.9980, -7.3940, -55.2492**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8470, 12.4004, 36.0912**, and **113.5070, 8.1310, 52.1754** is the 20% darker color. If you saturate the color by 10%, you get **153.2470, 9.2452, 68.1894**, and if you desaturate by 10%, it is **182.7570, 5.5428, 42.3091**.

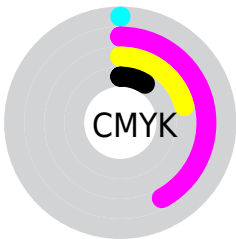
Distribution



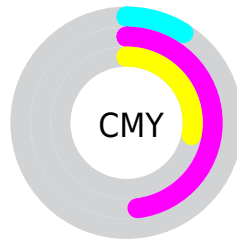
- Red (91%)
- Green (52%)
- Blue (72%)



- Red (91%)
- Yellow (52%)
- Blue (72%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (48%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0020, 7.3940, 55.2492 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 168.0020, 7.3940, 55.2492 by changing the saturation by 10% instead.


 168.0020, 7.3940,
55.2492


 168.0020, 7.3940,
55.2492

255.0000, 0.0000,
0.0000


 140.4040, 7.6888,
54.0197


 213.8470, 12.4004,
36.0912


 113.5070, 8.1310,
52.1754


 232.1070, 11.2862,
20.0772

 87.0230, 8.8627,
50.8458

 249.1300, 2.8939,
5.1480

 60.3650, 10.1731,
50.5459

 33.8210, 11.9202,
50.1460

 23.5390, 6.1433,
36.3613

 14.4530, -0.2233,

25.0357

■ 0.0000, 0.0000,
0.0000

■ 168.0020, 7.3940,
55.2492

■ 168.0020, 7.3940,
55.2492

■ 153.2470, 9.2452,
68.1894

■ 182.7570, 5.5428,
42.3091

■ 138.3780, 10.6596,
81.2295

■ 197.6260, 4.1284,
29.2690

■ 123.6230, 12.5109,
94.1696

■ 212.3810, 2.2772,
16.3289

■ 108.8680, 14.3621,
107.1098

■ 227.1360, 0.4260,
3.3887

■ 93.9990, 15.7765,
120.1499

■ 242.5920, -1.2779,
-10.1662

■ 82.5210, 17.4911,
130.2161

■ 247.3680, 1.7906,
-14.3547

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



168.9840, 24.6579, 24.5700



168.0020, 7.3940, 55.2492



165.7310, -11.6994, 66.0109

Triad

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



168.0020, 7.3940, 55.2492



158.5270, -36.2488, 6.5538



132.2560, 44.7368, -115.9885

Complementary

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



168.0020, 7.3940, 55.2492



195.9980, -7.3940, -55.2492

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.



129.9130, 28.1439, -113.9337



168.0020, 7.3940, 55.2492



153.2650, -22.3156, -29.1734

Square

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



168.0020, 7.3940, 55.2492



162.1440, -38.5250, 36.7077



141.5810, 1.6856, -74.1775



144.8010, 48.4121, -81.3865

Rectangle

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



168.0020, 7.3940, 55.2492



164.3210, -23.3293, 62.8625



141.5810, 1.6856, -74.1775



131.5890, 39.6426, -115.4036

Sweetspot

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



168.0020, 7.3940, 55.2492



233.8050, 2.5611, 18.5880



158.2250, 35.8781, 19.0967



114.5330, 1.7092, 11.8106



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.



168.0020, 7.3940, 55.2492



171.3940, 9.6658, 73.3225



162.5300, -13.5723, 60.0482



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Inverse Universe

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



168.0020, 7.3940, 55.2492



171.3940, 9.6658, 73.3225



201.4700, 13.5723, -60.0482



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 168.0020, 7.3940, 55.2492 looks on a white background.

Color Contrast Check

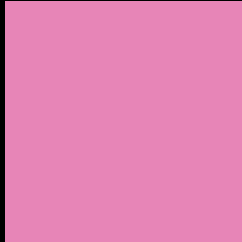
Large Text (above 18pt) WCAG AA × Fail

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 168.0020, 7.3940, 55.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

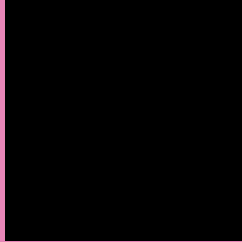
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0020, 7.3940, 55.2492

Background



This preview shows how black text looks on a background with the YUV color 168.0020, 7.3940, 55.2492.



This preview shows how white text looks on a background with the YUV color 168.0020, 7.3940,

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

168.0020, 7.3940, 55.2492

Protanopia

165.1680, 18.6512, -8.9173

Deuteranopia

166.2380, 5.7987, 6.8073



Tritanopia

166.8650, -8.3144, 53.6154

Trichromacy



Original Color

168.0020, 7.3940, 55.2492

Protanomaly

166.2850, 14.6495, 14.6591

Deuteranomaly

166.8750, 6.4706, 24.6656

Tritanomaly

167.3580, -2.6415, 54.0600

Monochromacy



Original Color

168.0020, 7.3940, 55.2492

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8160, 2.5557, 20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0020, 7.3940, 55.2492 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(231, 133, 183)` looks like.

```
.text, #text, p{  
    color:rgb(231, 133, 183)  
}
```

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(231, 133, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 133, 183) }
```

Border

The CSS property to change the border of an element to YUV 168.0020, 7.3940, 55.2492 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(231, 133, 183) }
```


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

```
.border{ border-color:rgb(231, 133, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 133, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 133, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 133, 183);  
box-shadow:4px 4px 4px 4px rgb(231, 133,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 168.0020, 7.3940, 55.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 133, 183) }
```

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

```
.background{ background-color: rgb(231,  
133, 183) }
```

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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