

Converting Colors

YUV(195.3190, 16.6047,
40.9392)

Have a look what the booklet for
YUV(195.3190, 16.6047, 40.9392)
contains.

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Color

**YUV(195.3190, 16.6047,
40.9392)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A5E5
RGB	242, 165, 229
RGB Percent	95%, 65%, 90%
CMY	0.0510, 0.3529, 0.1020
CMYK	0.00, 0.32, 0.05, 0.05
HSL	310°, 75%, 80%
HSV	310°, 32%, 95%
XYZ	64.2159, 51.4447, 80.6740
YIQ	195.3190, 25.3480, 36.2280

Conversions

Conversions Part 2

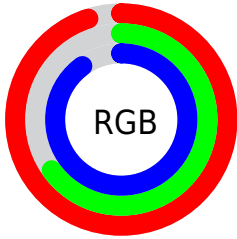
Format	Color
R _Y B	242, 165, 229
Decimal	15902181
CIE Lab	76.95, 38.10, -20.72
CIE LCh	77, 43.372, 331.460
Yxy	51.4447, 0.3271, 0.2620
Android (android.graphics.Color)	4294092261 (0xFFFF2A5E5)
YUV	195.3190, 16.6047, 40.9392
Hunter-Lab	71.7249, 34.2939, -16.4801

Details

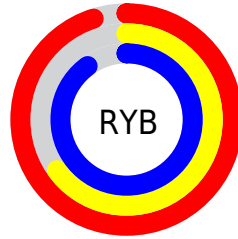
The YUV color $195.3190, 16.6047, 40.9392$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $211.6810, -16.6047, -40.9392$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.0420, 9.8393, 17.5032$, and $140.7810, 15.8840, 38.7801$ is the 20% darker color. If you saturate the color by 10%, you get $180.7750, 21.8029, 53.6943$, and if you desaturate by 10%, it is $209.8630, 11.4065, 28.1841$.

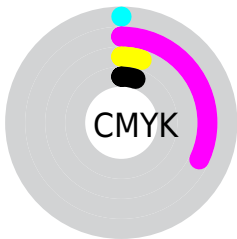
Distribution



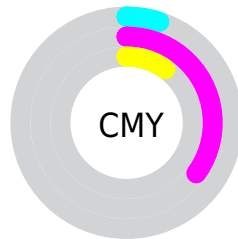
- Red (95%)
- Green (65%)
- Blue (90%)



- Red (95%)
- Yellow (65%)
- Blue (90%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.3190, 16.6047, 40.9392 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 195.3190, 16.6047, 40.9392 by changing the saturation by 10% instead.


 195.3190, 16.6047,
40.9392

 195.3190, 16.6047,
40.9392


255.0000, 0.0000,
0.0000


 167.6070, 16.4627,
39.8097


 235.0420, 9.8393,
17.5032


 140.7810, 15.8840,
38.7801

 252.0650, 1.4470,
2.5740

 114.1830, 16.1788,
37.5505

 88.4710, 16.0368,
36.4209

 63.1720, 16.1842,
35.8062

 36.2260, 17.6366,
36.6358

 21.7320, 13.4431,

28.2990

■ 12.7600, 7.5133,
16.8735

■ 0.0000, 0.0000,
0.0000

■ 195.3190, 16.6047,
40.9392

■ 195.3190, 16.6047,
40.9392

■ 180.7750, 21.8029,
53.6943

■ 209.8630, 11.4065,
28.1841

■ 166.2310, 27.0011,
66.4494

■ 224.4070, 6.2083,
15.4291

■ 151.1000, 32.4887,
79.7193

■ 239.5380, 0.7208,
2.1592

■ 136.5560, 37.6869,
92.4744

■ 249.9730, -2.4517,
-6.9923

■ 122.0120, 42.8851,
105.2295

■ 250.4290, -0.7045,
-7.3922

■ 107.3540, 47.6465,
118.0845

■ 250.9990, 1.4795,
-7.8921

■ 95.2720, 52.1239,
128.6805

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



193.0460, 30.5433, 3.4677



195.3190, 16.6047, 40.9392



190.6510, -0.3209, 56.4341

Triad

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



195.3190, 16.6047, 40.9392



186.7680, -38.3396, 23.8825



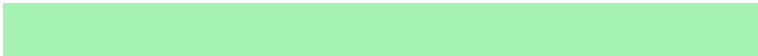
149.6040, 40.1282, -131.2027

Complementary

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



195.3190, 16.6047, 40.9392



211.6810, -16.6047, -40.9392

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.



164.1690, 13.2277, -89.6022



195.3190, 16.6047, 40.9392



182.5080, -30.8164, -9.2155

Square

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



195.3190, 16.6047, 40.9392



189.6710, -34.3478, 50.2775



175.9730, -12.8047, -46.4573



163.4690, 45.1248, -100.3893

Rectangle

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



195.3190, 16.6047, 40.9392



188.7470, -12.6933, 58.1039



175.9730, -12.8047, -46.4573



148.7090, 34.1605, -130.4178

Sweetspot

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



195.3190, 16.6047, 40.9392



239.8690, 5.4876, 13.2699



177.6650, 31.7172, 0.2938



118.2660, 3.3199, 8.5367



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.



195.3190, 16.6047, 40.9392



196.2370, 21.0822, 51.5352



190.9870, 0.0064, 44.7384



112.7280, 2.5991, 6.3775



72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Inverse Universe

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



195.3190, 16.6047, 40.9392



196.2370, 21.0822, 51.5352



216.0130, -0.0064, -44.7384



112.7280, 2.5991, 6.3775



72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 195.3190, 16.6047, 40.9392 looks on a white background.

Color Contrast Check

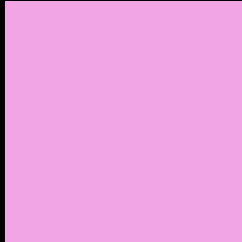
Large Text (above 18pt) WCAG AA × Fail

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 195.3190, 16.6047, 40.9392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

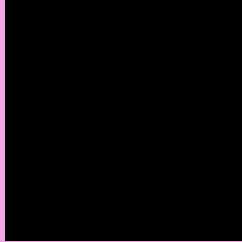
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.3190, 16.6047, 40.9392

Background



This preview shows how black text looks on a background with the YUV color 195.3190, 16.6047, 40.9392.



This preview shows how white text looks on a background with the YUV color 195.3190, 16.6047,

40.9392.

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

195.3190, 16.6047, 40.9392

Protanopia

190.6110, 26.8138, -13.6908

Deuteranopia

192.2400, 16.1507, -0.2105



Tritanopia

193.6180, -3.7557, 38.0460

Trichromacy



Original Color

195.3190, 16.6047, 40.9392



Protanomaly

192.4070, 22.9703, 5.7821



Deuteranomaly

193.0400, 16.2493, 14.8739



Tritanomaly

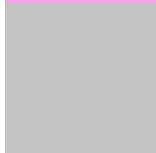
194.2790, 3.8065, 39.2203

Monochromacy



Original Color

195.3190, 16.6047, 40.9392



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9940, 5.9190, 14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3190, 16.6047, 40.9392 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(242, 165, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 229)  
}
```

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(242, 165, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 229) }
```

Border

The CSS property to change the border of an element to YUV 195.3190, 16.6047, 40.9392 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(242, 165, 229) }
```


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

```
.border{ border-color:rgb(242, 165, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 195.3190, 16.6047, 40.9392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 229) }
```

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

```
.background{ background-color: rgb(242,  
165, 229) }
```

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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