

Converting Colors

YUV(194.2590, 17.6203,
41.8689)

Have a look what the booklet for
YUV(194.2590, 17.6203, 41.8689)
contains.

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Color

**YUV(194.2590, 17.6203,
41.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A3E6
RGB	242, 163, 230
RGB Percent	95%, 64%, 90%
CMY	0.0510, 0.3608, 0.0980
CMYK	0.00, 0.33, 0.05, 0.05
HSL	309°, 75%, 79%
HSV	309°, 33%, 95%
XYZ	63.9981, 50.7848, 81.2923
YIQ	194.2590, 25.5770, 37.5850

Conversions

Conversions Part 2

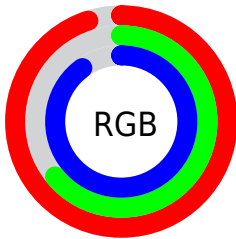
Format	Color
R _{YB}	242, 163, 230
Decimal	15901670
CIE _{Lab}	76.55, 39.32, -21.87
CIE _{LCh}	77, 44.998, 330.919
Yxy	50.7848, 0.3264, 0.2590
Android (android.graphics.Color)	4294091750 (0xFFFF2A3E6)
YUV	194.2590, 17.6203, 41.8689
Hunter-Lab	71.2635, 35.5907, -17.7494

Details

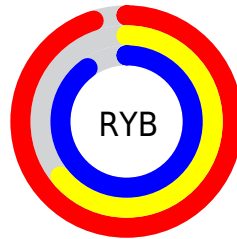
The YUV color **194.2590, 17.6203, 41.8689** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.7410, -17.6203, -41.8689**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **139.7210, 16.8995, 39.7097** is the 20% darker color. If you saturate the color by 10%, you get **179.7150, 22.8185, 54.6239**, and if you desaturate by 10%, it is **208.8030, 12.4221, 29.1138**.

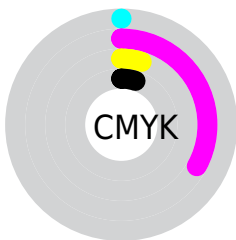
Distribution



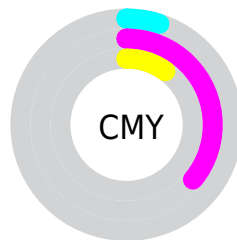
- Red (95%)
- Green (64%)
- Blue (90%)



- Red (95%)
- Yellow (64%)
- Blue (90%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.2590, 17.6203, 41.8689 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 194.2590, 17.6203, 41.8689 by changing the saturation by 10% instead.


 194.2590, 17.6203,
41.8689


 194.2590, 17.6203,
41.8689


255.0000, 0.0000,
0.0000


 166.5470, 17.4783,
40.7393


 233.8680, 10.4181,
18.5328


 139.7210, 16.8995,
39.7097

 250.8910, 2.0257,
3.6036

 113.1230, 17.1944,
38.4801

 87.4110, 17.0524,
37.3506

 62.1120, 17.1998,
36.7358

 34.5790, 18.9416,
38.0802

 21.8460, 13.8799,

28.1991

■ 12.5750, 8.0975,
16.1587

■ 0.0000, 0.0000,
0.0000

■ 194.2590, 17.6203,
41.8689

■ 194.2590, 17.6203,
41.8689

■ 179.7150, 22.8185,
54.6239

■ 208.8030, 12.4221,
29.1138

■ 165.2850, 28.4535,
67.2791

■ 223.2330, 6.7871,
16.4587

■ 150.1540, 33.9411,
80.5489

■ 238.3640, 1.2995,
3.1888

■ 135.6100, 39.1393,
93.3040

■ 249.9730, -2.4517,
-6.9923

■ 121.1800, 44.7743,
105.9591

■ 250.3150, -1.1413,
-7.2923

■ 106.6360, 49.9725,
118.7142

■ 250.7710, 0.6059,
-7.6922

■ 95.7280, 53.8711,
128.2805

■ 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.



191.8610, 31.1275, 2.7529



194.2590, 17.6203, 41.8689



189.3630, -0.1790, 57.5636

Triad

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



194.2590, 17.6203, 41.8689



185.6110, -40.2342, 24.8972



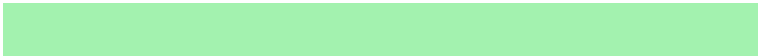
149.4900, 39.6914, -131.1027

Complementary

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



194.2590, 17.6203, 41.8689



210.7410, -17.6203, -41.8689

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.



160.3530, 14.1230, -96.7796



194.2590, 17.6203, 41.8689



181.1660, -32.1268, -8.9156

Square

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



194.2590, 17.6203, 41.8689



188.4540, -35.2268, 52.2218



174.1470, -13.3835, -47.4869



154.2000, 49.6944, -119.4474

Rectangle

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



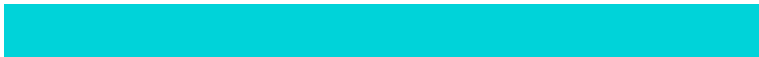
194.2590, 17.6203, 41.8689



186.7580, -12.6987, 59.8482



174.1470, -13.3835, -47.4869



148.5950, 33.7237, -130.3178

Sweetspot

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



194.2590, 17.6203, 41.8689



239.8690, 5.4876, 13.2699



175.5940, 32.7382, -0.5209



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.



194.2590, 17.6203, 41.8689



195.1770, 22.0977, 52.4648



189.8130, 0.5852, 45.7680



112.7280, 2.5991, 6.3775



72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Inverse Universe

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



194.2590, 17.6203, 41.8689



195.1770, 22.0977, 52.4648



215.1870, -0.5852, -45.7680



112.7280, 2.5991, 6.3775



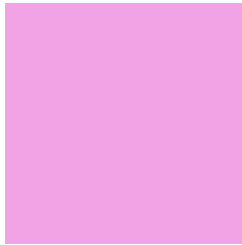
72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 194.2590, 17.6203, 41.8689 looks on a white background.

Color Contrast Check

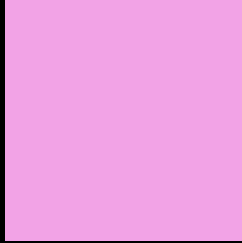
Large Text (above 18pt) WCAG AA × Fail

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 194.2590, 17.6203, 41.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

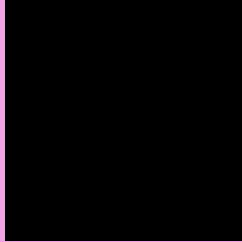
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.2590, 17.6203, 41.8689

Background



This preview shows how black text looks on a background with the YUV color 194.2590, 17.6203, 41.8689.



This preview shows how white text looks on a background with the YUV color 194.2590, 17.6203, 41.8689.

41.8689.

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

194.2590, 17.6203, 41.8689

Protanopia

189.6540, 28.2716, -14.6056

Deuteranopia

191.1690, 17.1717, -1.0252



Tritanopia

192.6180, -3.7557, 38.0460

Trichromacy



Original Color

194.2590, 17.6203, 41.8689



Protanomaly

191.1620, 24.5701, 5.9969



Deuteranomaly

192.2680, 17.1229, 14.6740



Tritanomaly

193.2790, 3.8065, 39.2203

Monochromacy



Original Color

194.2590, 17.6203, 41.8689



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2590, 17.6203, 41.8689 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, 163, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 163, 230)  
}
```

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, 163, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 163, 230) }
```

Border

The CSS property to change the border of an element to YUV 194.2590, 17.6203, 41.8689 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, 163, 230) }
```


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

```
.border{ border-color:rgb(242, 163, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 163, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 163, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 163, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 163,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 194.2590, 17.6203, 41.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 163, 230) }
```

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

```
.background{ background-color: rgb(242,  
163, 230) }
```

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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