

Converting Colors

YUV(197.7150, 19.3675,
41.4689)

Have a look what the booklet for
YUV(197.7150, 19.3675, 41.4689)
contains.

YUV(197.7150, 19.3675, 41.4689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.7150, 19.3675,
41.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A6ED
RGB	245, 166, 237
RGB Percent	96%, 65%, 93%
CMY	0.0392, 0.3490, 0.0706
CMYK	0.00, 0.32, 0.03, 0.04
HSL	306°, 80%, 81%
HSV	306°, 32%, 96%
XYZ	66.5785, 52.7993, 86.8030
YIQ	197.7150, 24.2930, 38.8290

Conversions

Conversions Part 2

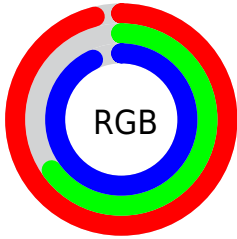
Format	Color
R_{YB}	245, 166, 237
Decimal	16099053
CIE _{Lab}	77.76, 39.93, -23.80
CIE _{LCh}	78, 46.485, 329.205
Yxy	52.7993, 0.3229, 0.2561
Android (android.graphics.Color)	4294289133 (0xFFF5A6ED)
YUV	197.7150, 19.3675, 41.4689
Hunter-Lab	72.6632, 36.3922, -19.9633

Details

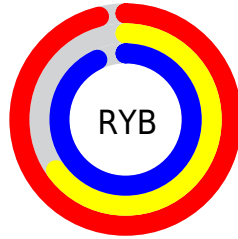
The YUV color $197.7150, 19.3675, 41.4689$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $213.2850, -19.3675, -41.4689$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.6290, 9.5499, 16.9884$, and $143.1770, 18.6467, 39.3098$ is the 20% darker color. If you saturate the color by 10%, you get $183.3990, 25.4393, 54.0241$, and if you desaturate by 10%, it is $212.6180, 13.0063, 28.3990$.

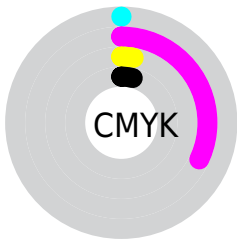
Distribution



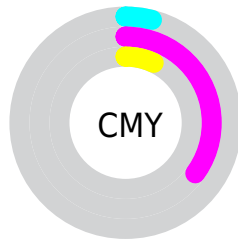
- Red (96%)
- Green (65%)
- Blue (93%)



- Red (96%)
- Yellow (65%)
- Blue (93%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7150, 19.3675, 41.4689 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 197.7150, 19.3675, 41.4689 by changing the saturation by 10% instead.

197.7150, 19.3675,
41.4689

197.7150, 19.3675,
41.4689

255.0000, 0.0000,
0.0000

170.0030, 19.2255,
40.3394

235.6290, 9.5499,
16.9884

143.1770, 18.6467,
39.3098

252.6520, 1.1576,
2.0592

116.4650, 18.5048,
38.1802

90.7530, 18.3628,
37.0506

65.1550, 18.6576,
35.8211

37.8070, 19.8151,
37.8803

23.0140, 15.7691,

28.9287

■ 14.3410, 9.6919,
18.1179

■ 0.7980, 3.0576,
-0.6998

■ 197.7150, 19.3675,
41.4689

■ 197.7150, 19.3675,
41.4689

■ 183.3990, 25.4393,
54.0241

■ 212.6180, 13.0063,
28.3990

■ 168.3820, 31.3637,
67.1940

■ 227.0480, 7.3713,
15.7439

■ 154.0660, 37.4355,
79.7491

■ 241.9510, 1.0102,
2.6740

■ 139.0490, 43.3598,
92.9190

■ 251.0980, -2.0203,
-5.3479

■ 124.7330, 49.4316,
105.4742

■ 251.3260, -1.1467,
-5.5479

■ 109.7160, 55.3560,
118.6441

■ 251.6680, 0.1637,
-5.8478

■ 98.3350, 59.9808,
128.6252

■ 251.8960, 1.0373,
-6.0478

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



193.6220, 30.2594, 1.2085



197.7150, 19.3675, 41.4689



191.2210, 1.8630, 55.9342

Triad

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



197.7150, 19.3675, 41.4689



188.6930, -41.2606, 27.4562



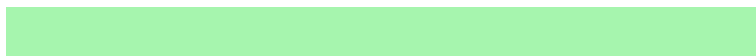
152.1800, 39.8443, -133.4619

Complementary

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



197.7150, 19.3675, 41.4689



213.2850, -19.3675, -41.4689

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.



162.8150, 13.4022, -98.9388



197.7150, 19.3675, 41.4689



184.3080, -34.1688, -7.2861

Square

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



197.7150, 19.3675, 41.4689



191.9490, -35.9639, 55.2957



177.5770, -15.5675, -46.9870



151.1660, 51.1902, -132.5726

Rectangle

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



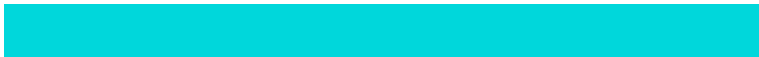
197.7150, 19.3675, 41.4689



188.5020, -11.0935, 58.3187



177.5770, -15.5675, -46.9870



151.1710, 33.4397, -132.5770

Sweetspot

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



197.7150, 19.3675, 41.4689



239.9830, 5.9244, 13.1699



177.3980, 33.3278, -2.9800



118.3800, 3.7567, 8.4367



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.



197.7150, 19.3675, 41.4689



195.7470, 24.2817, 51.9649



193.2690, 2.3324, 45.3681



114.8420, 3.0359, 6.2776



74.6520, 45.5276, 97.6522



23.6830, 14.4533, 30.9730

Inverse Universe

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



197.7150, 19.3675, 41.4689



195.7470, 24.2817, 51.9649



217.7310, -2.3324, -45.3681



114.8420, 3.0359, 6.2776



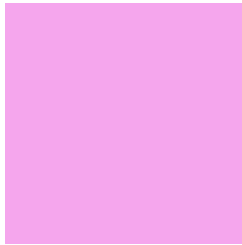
74.6520, 45.5276, 97.6522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 197.7150, 19.3675, 41.4689 looks on a white background.

Color Contrast Check

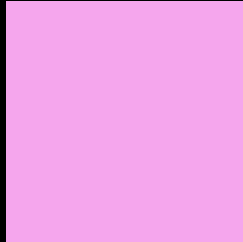
Large Text (above 18pt) WCAG AA × Fail

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 197.7150, 19.3675, 41.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

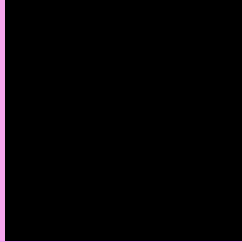
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7150, 19.3675, 41.4689

Background



This preview shows how black text looks on a background with the YUV color 197.7150, 19.3675, 41.4689.



This preview shows how white text looks on a background with the YUV color 197.7150, 19.3675,

41.4689.

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

197.7150, 19.3675, 41.4689

Protanopia

192.8110, 30.1662, -15.6202

Deuteranopia

194.0270, 19.2137, -2.6547



Tritanopia

195.7320, -3.3189, 37.9460

Trichromacy



Original Color

197.7150, 19.3675, 41.4689



Protanomaly

194.3190, 26.4647, 4.9822



Deuteranomaly

195.4250, 19.0175, 13.6593



Tritanomaly

196.5070, 4.6800, 39.0204

Monochromacy



Original Color

197.7150, 19.3675, 41.4689



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.6350, 7.0819, 15.2291

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7150, 19.3675, 41.4689 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(245, 166, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 166, 237)  
}
```

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(245, 166, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 166, 237) }
```

Border

The CSS property to change the border of an element to YUV 197.7150, 19.3675, 41.4689 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(245, 166, 237) }
```


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

```
.border{ border-color:rgb(245, 166, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 166, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 166, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 166, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 166,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 197.7150, 19.3675, 41.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 166, 237) }
```

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

```
.background{ background-color: rgb(245,  
166, 237) }
```

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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