

Converting Colors

YUV(202.8900, 13.8582,
35.1765)

Have a look what the booklet for
YUV(202.8900, 13.8582, 35.1765)
contains.

YUV(202.8900, 13.8582, 35.1765)	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(202.8900, 13.8582,
35.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B1E7
RGB	243, 177, 231
RGB Percent	95%, 69%, 91%
CMY	0.0471, 0.3059, 0.0941
CMYK	0.00, 0.27, 0.05, 0.05
HSL	311°, 73%, 82%
HSV	311°, 27%, 95%
XYZ	67.1081, 56.2685, 82.9252
YIQ	202.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

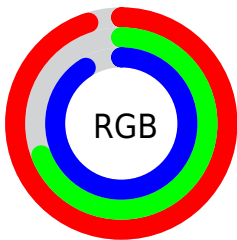
Format	Color
R_{YB}	243, 177, 231
Decimal	15970791
CIE _{Lab}	79.77, 32.44, -17.53
CIE _{LCh}	80, 36.875, 331.616
Yxy	56.2685, 0.3253, 0.2727
Android (android.graphics.Color)	4294160871 (0xFFFF3B1E7)
YUV	202.8900, 13.8582, 35.1765
Hunter-Lab	75.0123, 28.4194, -13.0358

Details

The YUV color **202.8900, 13.8582, 35.1765** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **217.1100, -13.8582, -35.1765**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **148.3520, 13.1375, 33.0173** is the 20% darker color. If you saturate the color by 10%, you get **188.3460, 19.0564, 47.9316**, and if you desaturate by 10%, it is **217.4340, 8.6600, 22.4214**.

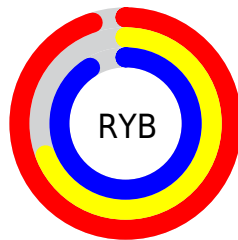
Distribution



Red (95%)

Green (69%)

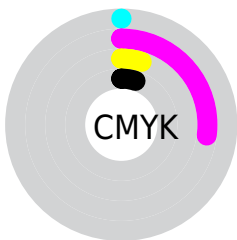
Blue (91%)



Red (95%)

Yellow (69%)

Blue (91%)

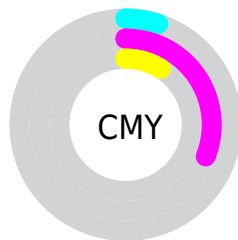


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (5%)



Cyan (5%)


Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.8900, 13.8582, 35.1765 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 202.8900, 13.8582, 35.1765 by changing the saturation by 10% instead.


 202.8900, 13.8582,
35.1765


 202.8900, 13.8582,
35.1765


255.0000, 0.0000,
0.0000


 175.1780, 13.7162,
34.0469


 242.0860, 6.3666,
11.3256

 148.3520, 13.1375,
33.0173

 122.0530, 13.2849,
32.4025

 96.3410, 13.1429,
31.2729

 71.6290, 13.0009,
30.1434

 47.3300, 13.1483,
29.5286

 22.5580, 14.0219,

29.3286

■ 14.4830, 7.6499,
19.7474

■ 0.0000, 0.0000,
0.0000

■ 202.8900, 13.8582,
35.1765

■ 202.8900, 13.8582,
35.1765

■ 188.3460, 19.0564,
47.9316

■ 217.4340, 8.6600,
22.4214

■ 173.1010, 24.1072,
61.3014

■ 232.6790, 3.6093,
9.0515

■ 158.5570, 29.3054,
74.0565

■ 247.2230, -1.5889,
-3.7036

■ 143.8990, 34.0668,
86.9116

■ 250.7280, -0.8519,
-6.7775

■ 128.7680, 39.5544,
100.1815

■ 251.1840, 0.8953,
-7.1774

■ 114.1100, 44.3158,
113.0365

■ 251.4120, 1.7689,
-7.3773

■ 99.5660, 49.5140,
125.7916

■ 95.3430, 51.1029,
129.4952

Harmonies

Analogous

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



200.7210, 26.7595, 3.7527



202.8900, 13.8582, 35.1765



199.6670, -1.3148, 48.5270

Triad

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



202.8900, 13.8582, 35.1765



195.2390, -32.6558, 20.8384



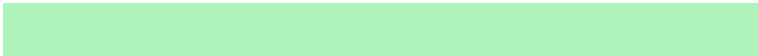
176.0890, 28.0571, -86.0241

Complementary

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



202.8900, 13.8582, 35.1765



217.1100, -13.8582, -35.1765

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.



179.8620, 8.9420, -68.2850



202.8900, 13.8582, 35.1765



191.3710, -26.3119, -7.3414

Square

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



202.8900, 13.8582, 35.1765



197.8920, -29.5268, 43.9447



186.4840, -11.0846, -38.1355



182.8380, 35.5759, -70.8949

Rectangle

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



202.8900, 13.8582, 35.1765



197.6320, -11.6506, 50.3117



186.4840, -11.0846, -38.1355



176.6180, 22.3733, -82.9800

Sweetspot

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



202.8900, 13.8582, 35.1765



242.8040, 4.0406, 10.6959



187.8130, 27.2072, 0.1640



120.0270, 2.4517, 6.9923



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.



202.8900, 13.8582, 35.1765



203.9820, 17.7569, 44.7428



199.2420, -0.1193, 38.3758



114.7280, 2.5991, 6.3775



72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729

Inverse Universe

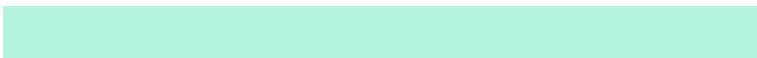
The Inverse Universe completely reimagines the original color for something new.



202.8900, 13.8582, 35.1765



203.9820, 17.7569, 44.7428



220.7580, 0.1193, -38.3758



114.7280, 2.5991, 6.3775



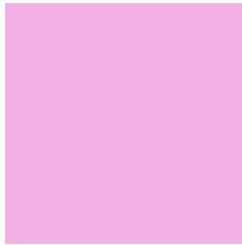
72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 202.8900, 13.8582, 35.1765 looks on a white background.

Color Contrast Check

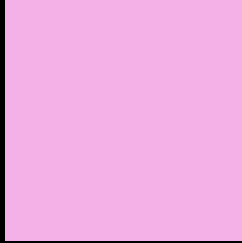
Large Text (above 18pt) WCAG AA × Fail

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 202.8900, 13.8582, 35.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

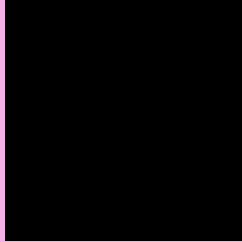
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.8900, 13.8582, 35.1765

Background



This preview shows how black text looks on a background with the YUV color 202.8900, 13.8582, 35.1765.



This preview shows how white text looks on a background with the YUV color 202.8900, 13.8582,

35.1765.

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

202.8900, 13.8582, 35.1765

Protanopia

198.7810, 22.2930, -10.3319

Deuteranopia

199.9800, 13.8139, 2.6485



Tritanopia

201.3400, -2.1396, 33.0278

Trichromacy



Original Color

202.8900, 13.8582, 35.1765



Protanomaly

200.0820, 19.1866, 6.0671



Deuteranomaly

201.0570, 13.7759, 14.8590



Tritanomaly

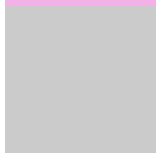
201.8330, 3.5333, 33.4725

Monochromacy



Original Color

202.8900, 13.8582, 35.1765



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.8900, 13.8582, 35.1765 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(243, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 231)  
}
```

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(243, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 231) }
```

Border

The CSS property to change the border of an element to YUV 202.8900, 13.8582, 35.1765 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(243, 177, 231) }
```


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

```
.border{ border-color:rgb(243, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 202.8900, 13.8582, 35.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 231) }
```

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

```
.background{ background-color: rgb(243,  
177, 231) }
```

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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