

Converting Colors

YUV(202.2210, 15.1740,
33.1322)

Have a look what the booklet for
YUV(202.2210, 15.1740, 33.1322)
contains.

YUV(202.2210, 15.1740, 33.1322)	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(202.2210, 15.1740,
33.1322)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B1E9
RGB	240, 177, 233
RGB Percent	94%, 69%, 91%
CMY	0.0588, 0.3059, 0.0863
CMYK	0.00, 0.26, 0.03, 0.06
HSL	307°, 68%, 82%
HSV	307°, 26%, 94%
XYZ	66.3653, 55.8527, 84.3736
YIQ	202.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

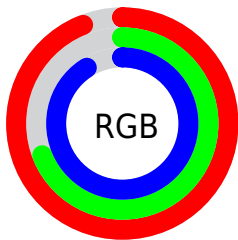
Format	Color
R _Y B	240, 177, 233
Decimal	15774185
CIE Lab	79.53, 31.81, -18.99
CIE LCh	80, 37.051, 329.159
Yxy	55.8527, 0.3212, 0.2704
Android (android.graphics.Color)	4293964265 (0xFFFF0B1E9)
YUV	202.2210, 15.1740, 33.1322
Hunter-Lab	74.7347, 27.7244, -14.6227

Details

The YUV color **202.2210, 15.1740, 33.1322** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **214.7790, -15.1740, -33.1322**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **147.6830, 14.4533, 30.9730** is the 20% darker color. If you saturate the color by 10%, you get **187.7910, 20.8090, 45.7873**, and if you desaturate by 10%, it is **216.6510, 9.5391, 20.4771**.

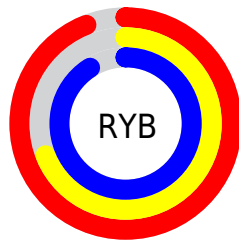
Distribution



Red (94%)

Green (69%)

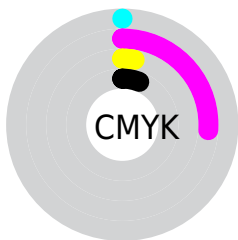
Blue (91%)



Red (94%)

Yellow (69%)

Blue (91%)

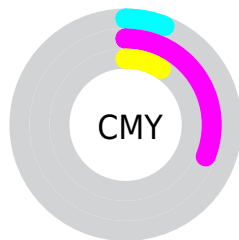


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (6%)



Cyan (6%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.2210, 15.1740, 33.1322 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 202.2210, 15.1740, 33.1322 by changing the saturation by 10% instead.


 202.2210, 15.1740,
33.1322


 202.2210, 15.1740,
33.1322


255.0000, 0.0000,
0.0000


 174.5090, 15.0321,
32.0026


 242.0860, 6.3666,
11.3256

 147.6830, 14.4533,
30.9730

 121.2700, 14.1639,
30.4582

 95.6720, 14.4587,
29.2287

 70.8460, 13.8799,
28.1991

 47.1340, 13.7379,
27.0695

 22.7750, 14.9009,

27.3843

■ 14.1130, 8.8183,
18.3179

■ 0.2280, 0.8736,
-0.2000

■ 202.2210, 15.1740,
33.1322

■ 202.2210, 15.1740,
33.1322

■ 187.7910, 20.8090,
45.7873

■ 216.6510, 9.5391,
20.4771

■ 173.4750, 26.8808,
58.3424

■ 230.9670, 3.4673,
7.9219

■ 159.0450, 32.5158,
70.9975

■ 245.3970, -2.1677,
-4.7332

■ 144.6150, 38.1508,
83.6526

■ 249.2610, -2.5937,
-8.1219

130.2990, 44.2226,
96.2078

249.4890, -1.7201,
-8.3219

115.8690, 49.8576,
108.8629

249.8310, -0.4097,
-8.6218

101.4390, 55.4926,
121.5180

250.1730, 0.9007,
-8.9217

96.0420, 57.6603,
126.2512

250.4010, 1.7743,
-9.1217

250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



199.8130, 27.2072, 0.1640



202.2210, 15.1740, 33.1322



199.3080, -0.1518, 48.8419

Triad

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



202.2210, 15.1740, 33.1322



195.4350, -33.2455, 23.2975



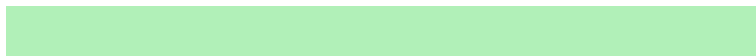
175.0350, 26.6047, -86.8537

Complementary

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



202.2210, 15.1740, 33.1322



214.7790, -15.1740, -33.1322

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.



180.1180, 7.3368, -66.7555



202.2210, 15.1740, 33.1322



191.1540, -27.1909, -5.3971

Square

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



202.2210, 15.1740, 33.1322



198.0170, -29.0954, 45.5891



186.1530, -12.4004, -36.0912



181.3430, 36.3129, -73.9688

Rectangle

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



202.2210, 15.1740, 33.1322



197.2730, -10.4876, 50.6266



186.1530, -12.4004, -36.0912



176.1620, 20.6261, -82.5801

Sweetspot

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



202.2210, 15.1740, 33.1322



243.0320, 4.9142, 10.4959



185.9760, 26.6338, -2.6100



120.1410, 2.8885, 6.8923



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.



202.2210, 15.1740, 33.1322



205.8400, 19.7989, 43.1133



198.6870, 1.6333, 36.2315



112.8420, 3.0359, 6.2776



73.5980, 44.0752, 96.8226



22.4440, 13.5851, 29.4286

Inverse Universe

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



202.2210, 15.1740, 33.1322



205.8400, 19.7989, 43.1133



218.3130, -1.6333, -36.2315



112.8420, 3.0359, 6.2776



73.5980, 44.0752, 96.8226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 202.2210, 15.1740, 33.1322 looks on a white background.

Color Contrast Check

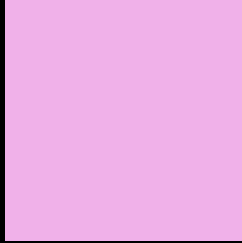
Large Text (above 18pt) WCAG AA × Fail

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 202.2210, 15.1740, 33.1322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

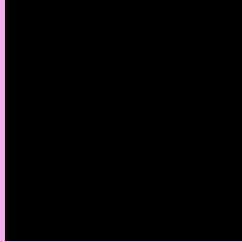
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.2210, 15.1740, 33.1322

Background



This preview shows how black text looks on a background with the YUV color 202.2210, 15.1740, 33.1322.



This preview shows how white text looks on a background with the YUV color 202.2210, 15.1740,

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

202.2210, 15.1740, 33.1322

Protanopia

197.8240, 23.7508, -11.2466

Deuteranopia

199.6100, 14.9823, 1.2190



Tritanopia

200.2580, -1.1132, 30.4687

Trichromacy



Original Color

202.2210, 15.1740, 33.1322



Protanomaly

199.1250, 20.6444, 5.1524



Deuteranomaly

200.3880, 15.0917, 12.8147



Tritanomaly

201.1640, 4.8491, 31.4282

Monochromacy



Original Color

202.2210, 15.1740, 33.1322



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.1570, 5.3456, 12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2210, 15.1740, 33.1322 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(240, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 233)  
}
```

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(240, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 233) }
```

Border

The CSS property to change the border of an element to YUV 202.2210, 15.1740, 33.1322 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(240, 177, 233) }
```


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

```
.border{ border-color:rgb(240, 177, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 202.2210, 15.1740, 33.1322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 233) }
```

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

```
.background{ background-color: rgb(240,  
177, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor