

Converting Colors

YUV(208.7610, 22.7958,
15.1186)

Have a look what the booklet for
YUV(208.7610, 22.7958, 15.1186)
contains.

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Color

**YUV(208.7610, 22.7958,
15.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFFF
RGB	226, 191, 255
RGB Percent	89%, 75%, 100%
CMY	0.1137, 0.2510, 0.0000
CMYK	0.11, 0.25, 0.00, 0.00
HSL	273°, 100%, 87%
HSV	273°, 25%, 100%
XYZ	68.0448, 60.6504, 102.7281
YIQ	208.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

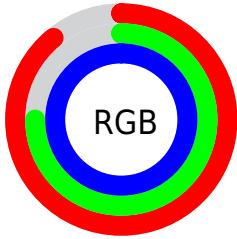
Format	Color
R_{YB}	226, 191, 255
Decimal	14860287
CIE _{Lab}	82.19, 24.06, -26.86
CIE _{LCh}	82, 36.060, 311.842
Yxy	60.6504, 0.2940, 0.2621
Android (android.graphics.Color)	4293050367 (0xFFE2BFFF)
YUV	208.7610, 22.7958, 15.1186
Hunter-Lab	77.8783, 19.6742, -23.6937

Details

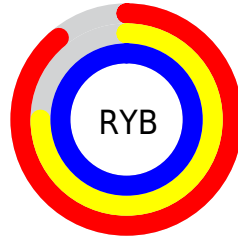
The YUV color **208.7610, 22.7958, 15.1186** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **237.2390, -22.7958, -15.1186**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **153.8210, 21.7802, 14.1890** is the 20% darker color. If you saturate the color by 10%, you get **190.4980, 31.7995, 20.6113**, and if you desaturate by 10%, it is **227.6110, 13.5028, 9.1112**.

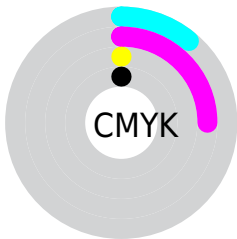
Distribution



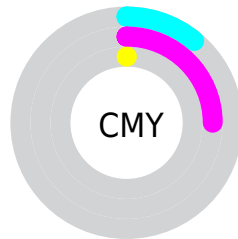
- Red (89%)
- Green (75%)
- Blue (100%)



- Red (89%)
- Yellow (75%)
- Blue (100%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 208.7610, 22.7958, 15.1186 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 208.7610, 22.7958, 15.1186 by changing the saturation by 10% instead.


 208.7610, 22.7958,
15.1186


 208.7610, 22.7958,
15.1186


255.0000, 0.0000,
0.0000


 181.2340, 22.0696,
14.7038


 250.8910, 2.0257,
3.6036

 153.8210, 21.7802,
14.1890

 127.9950, 21.2015,
13.1594

 102.4680, 20.4753,
12.7446

 77.9410, 19.7491,
12.3297

 54.7020, 18.8809,
10.7853

 32.1750, 18.1547,

10.3705

■ 12.5340, 16.9917,
10.0557

■ 3.4370, 10.6306,
-3.0142

■ 208.7610, 22.7958,
15.1186

■ 208.7610, 22.7958,
15.1186

■ 190.4980, 31.7995,
20.6113

■ 227.6110, 13.5028,
9.1112

■ 171.9470, 40.9451,
27.2335

■ 245.5750, 4.6465,
3.0037

■ 153.6840, 49.9488,
32.7261

■ 255.0000, 0.0000,
0.0000

■ 135.1330, 59.0944,
39.3484

■ 116.8700, 68.0981,
44.8410

■ 98.3190, 77.2437,
51.4632

■ 80.0560, 86.2474,
56.9559

■ 70.6310, 90.8939,
59.9596

Harmonies

Analogous

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



202.0510, 26.1039, -19.3387



208.7610, 22.7958, 15.1186



208.8430, 8.4584, 40.4797

Triad

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



208.7610, 22.7958, 15.1186



204.0930, -31.1048, 36.7524



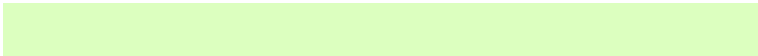
186.1370, 15.2155, -73.7881

Complementary

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



208.7610, 22.7958, 15.1186



237.2390, -22.7958, -15.1186

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.



191.4380, -4.6529, -47.7421



208.7610, 22.7958, 15.1186



201.5260, -31.3183, 11.8167

Square

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



208.7610, 22.7958, 15.1186



203.1940, -20.8016, 45.4339



197.1570, -21.7694, -17.6777



186.1050, 30.5142, -80.7761

Rectangle

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



208.7610, 22.7958, 15.1186



204.5740, -0.2830, 44.2236



197.1570, -21.7694, -17.6777



187.7590, 8.4998, -66.4406

Sweetspot

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



208.7610, 22.7958, 15.1186



240.5690, 7.1145, 4.7630



215.9060, 19.2733, -21.8426



118.5750, 4.6465, 3.0037



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.



208.7610, 22.7958, 15.1186



199.9230, 27.1530, 17.6075



217.2040, 17.6474, 33.1471



118.5750, 4.6465, 3.0037



53.1690, 67.9507, 45.4558



17.7610, 22.7958, 15.1186

Inverse Universe

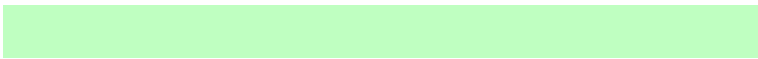
The Inverse Universe completely reimagines the original color for something new.



213.4420, 3.2331, 36.4464



205.6000, 3.6482, 43.3238



228.7960, -17.6474, -33.1471



119.5710, 0.7045, 7.3922



67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 208.7610, 22.7958, 15.1186 looks on a white background.

Color Contrast Check

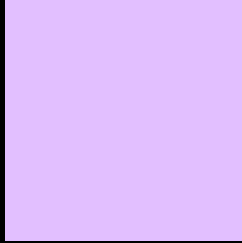
Large Text (above 18pt) WCAG AA × Fail

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 208.7610, 22.7958, 15.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

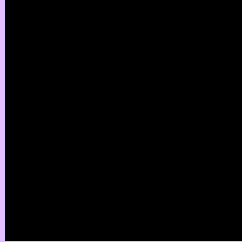
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7610, 22.7958, 15.1186

Background



This preview shows how black text looks on a background with the YUV color 208.7610, 22.7958, 15.1186.

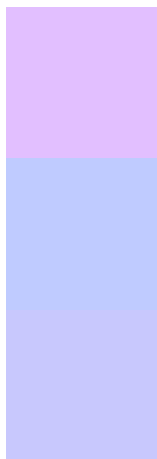


This preview shows how white text looks on a background with the YUV color 208.7610, 22.7958,

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

208.7610, 22.7958, 15.1186

Protanopia

205.3400, 24.4824, -12.5762

Deuteranopia

206.0420, 23.1503, -5.2988



Tritanopia

206.6900, 3.6038, 10.7959

Trichromacy



Original Color

208.7610, 22.7958, 15.1186

Protanomaly

206.8790, 23.7237, -2.5249

Deuteranomaly

207.0860, 23.1286, 1.6786

Tritanomaly

207.5360, 10.5818, 12.6849

Monochromacy



Original Color

208.7610, 22.7958, 15.1186

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6230, 8.5669, 5.5926

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7610, 22.7958, 15.1186 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(226, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 255)  
}
```

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(226, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 255) }
```

Border

The CSS property to change the border of an element to YUV 208.7610, 22.7958, 15.1186 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(226, 191, 255) }
```


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

```
.border{ border-color:rgb(226, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 208.7610, 22.7958, 15.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 255) }
```

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

```
.background{ background-color: rgb(226,  
191, 255) }
```

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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