

Converting Colors

YUV(220.8710, 15.8396, 6.2521)

Have a look what the booklet for
YUV(220.8710, 15.8396, 6.2521)
contains.

YUV(220.8710, 15.8396, 6.2521)	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(220.8710, 15.8396,
6.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D3FD
RGB	228, 211, 253
RGB Percent	89%, 83%, 99%
CMY	0.1059, 0.1725, 0.0078
CMYK	0.10, 0.17, 0.00, 0.01
HSL	264°, 91%, 91%
HSV	264°, 17%, 99%
XYZ	73.0188, 70.1744, 102.6250
YIQ	220.8710, -3.3500, 16.6660

Conversions

Conversions Part 2

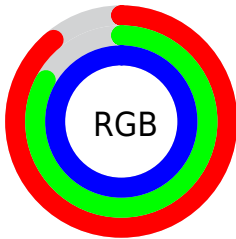
Format	Color
R _Y B	228, 211, 253
Decimal	14996477
CIE Lab	87.08, 13.61, -18.36
CIE LCh	87, 22.860, 306.548
Yxy	70.1744, 0.2970, 0.2855
Android (android.graphics.Color)	4293186557 (0xFFE4D3FD)
YUV	220.8710, 15.8396, 6.2521
Hunter-Lab	83.7701, 8.9930, -13.9958

Details

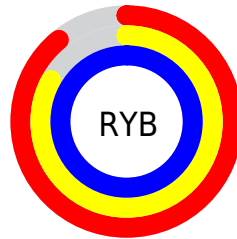
The YUV color $220.8710, 15.8396, 6.2521$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.1290, -15.8396, -6.2521$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.3440, 15.1134, 5.8373$ is the 20% darker color. If you saturate the color by 10%, you get $201.7110, 25.2855, 9.9005$, and if you desaturate by 10%, it is $240.0310, 6.3937, 2.6038$.

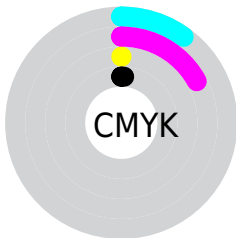
Distribution



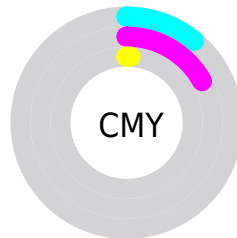
- Red (89%)
- Green (83%)
- Blue (99%)



- Red (89%)
- Yellow (83%)
- Blue (99%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.8710, 15.8396, 6.2521 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 220.8710, 15.8396, 6.2521 by changing the saturation by 10% instead.

■ 220.8710, 15.8396,
6.2521

■ 220.8710, 15.8396,
6.2521

255.0000, 0.0000,
0.0000

■ 192.7570, 15.4028,
6.3521

■ 165.3440, 15.1134,
5.8373

■ 139.2300, 14.6766,
5.9373

■ 113.8170, 14.3872,
5.4225

■ 89.2900, 13.6610,
5.0077

■ 65.7630, 12.9348,
4.5928

■ 43.2360, 12.2087,

4.1780

■ 22.4100, 11.6299,
3.1484

■ 2.8500, 10.9200,
-2.4994

■ 220.8710, 15.8396,
6.2521

■ 220.8710, 15.8396,
6.2521

■ 201.7110, 25.2855,
9.9005

■ 240.0310, 6.3937,
2.6038

■ 181.9640, 35.0207,
14.0636

254.7720, -0.8736,
0.2000

■ 162.8040, 44.4666,
17.7119

■ 143.6440, 53.9125,
21.3602

■ 124.4840, 63.3584,
25.0085

■ 104.7370, 73.0937,
29.1717

■ 85.5770, 82.5395,
32.8200

■ 66.4170, 91.9854,
36.4683

■ 59.3400, 95.4744,
37.4128

Harmonies

Analogous

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



216.8360, 18.8149, -14.7652



220.8710, 15.8396, 6.2521



222.2880, 6.7600, 25.1804

Triad

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



220.8710, 15.8396, 6.2521



219.0130, -19.7264, 27.1756



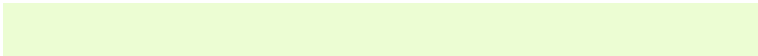
209.9410, 5.9451, -40.2903

Complementary

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



220.8710, 15.8396, 6.2521



243.1290, -15.8396, -6.2521

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.



211.6410, -5.7390, -25.9952



220.8710, 15.8396, 6.2521



216.6860, -20.5512, 11.6764

Square

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



220.8710, 15.8396, 6.2521



218.5820, -12.6119, 31.9386



214.5310, -15.5448, -7.4817



209.9650, 16.2863, -43.8193

Rectangle

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



220.8710, 15.8396, 6.2521



220.6000, 0.1972, 30.1688



214.5310, -15.5448, -7.4817



210.6380, 2.1505, -36.5165

Sweetspot

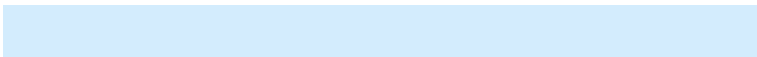
The Sweet Spot groups the original color and five complimentary colors.



220.8710, 15.8396, 6.2521



244.9770, 4.9413, 1.7742



230.4630, 11.1107, -17.0691



121.8090, 3.0522, 1.0445



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.



220.8710, 15.8396, 6.2521



216.0930, 19.1812, 7.8114



227.1500, 12.7440, 19.1624



117.9770, 4.9413, 1.7742



44.7970, 72.0781, 28.2420



15.0700, 24.1225, 9.5856

Inverse Universe

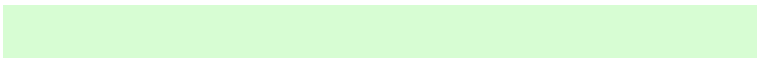
The Inverse Universe completely reimagines the original color for something new.



226.4080, 4.7289, 23.3212



222.6690, 5.5862, 28.3543



236.8500, -12.7440, -19.1624



119.6850, 1.1413, 7.2923



70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 220.8710, 15.8396, 6.2521 looks on a white background.

Color Contrast Check

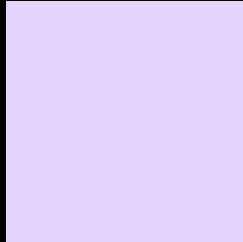
Large Text (above 18pt) WCAG AA × Fail

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 220.8710, 15.8396, 6.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

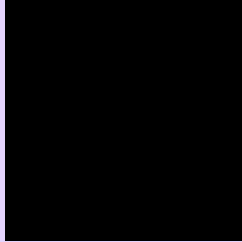
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.8710, 15.8396, 6.2521

Background



This preview shows how black text looks on a background with the YUV color 220.8710, 15.8396, 6.2521.

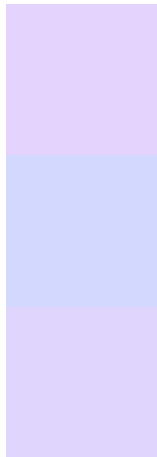


This preview shows how white text looks on a background with the YUV color 220.8710, 15.8396, 6.2521.

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

220.8710, 15.8396, 6.2521

Protanopia

218.9510, 17.7722, -6.9730

Deuteranopia

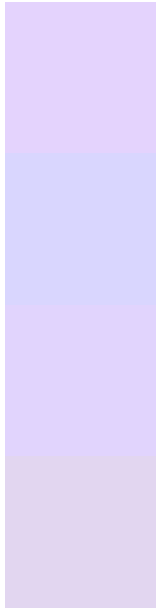
220.5500, 15.9979, 2.1487



Tritanopia

219.9280, 5.9515, 4.4481

Trichromacy



Original Color

220.8710, 15.8396, 6.2521

Protanomaly

219.4570, 17.0297, -2.1548

Deuteranomaly

220.5610, 15.9924, 3.8930

Tritanomaly

220.5520, 9.5879, 4.7779

Monochromacy



Original Color

220.8710, 15.8396, 6.2521

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.8710, 15.8396, 6.2521 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(228, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 253)  
}
```

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(228, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 253) }
```

Border

The CSS property to change the border of an element to YUV 220.8710, 15.8396, 6.2521 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(228, 211, 253) }
```


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

```
.border{ border-color:rgb(228, 211, 253) }
```

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

Here you see how a box with a 4 pixel rgb(228, 211, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 253);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 220.8710, 15.8396, 6.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 253) }
```

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

```
.background{ background-color: rgb(228,  
211, 253) }
```

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