

Converting Colors

YUV(226.6920, 13.9558, 3.7781)

Have a look what the booklet for
YUV(226.6920, 13.9558, 3.7781)
contains.

YUV(226.6920, 13.9558, 3.7781)	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(226.6920, 13.9558,
3.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBFF
RGB	231, 219, 255
RGB Percent	91%, 86%, 100%
CMY	0.0941, 0.1412, 0.0000
CMYK	0.09, 0.14, 0.00, 0.00
HSL	260°, 100%, 93%
HSV	260°, 14%, 100%
XYZ	76.3365, 74.8720, 105.0361
YIQ	226.6920, -4.4040, 13.7400

Conversions

Conversions Part 2

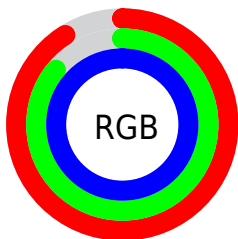
Format	Color
R _Y B	231, 219, 255
Decimal	15195135
CIE Lab	89.33, 10.74, -16.01
CIE LCh	89, 19.280, 303.871
Yxy	74.8720, 0.2979, 0.2922
Android (android.graphics.Color)	4293385215 (0xFFE7DBFF)
YUV	226.6920, 13.9558, 3.7781
Hunter-Lab	86.5286, 6.0497, -11.4015

Details

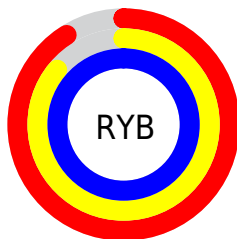
The YUV color $226.6920, 13.9558, 3.7781$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $247.3080, -13.9558, -3.7781$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.1650, 13.2297, 3.3633$ is the 20% darker color. If you saturate the color by 10%, you get $206.9340, 23.6965, 6.1969$, and if you desaturate by 10%, it is $246.4500, 4.2152, 1.3594$.

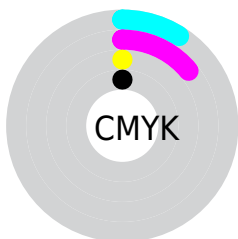
Distribution



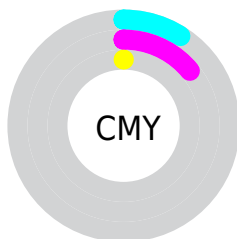
- Red (91%)
- Green (86%)
- Blue (100%)



- Red (91%)
- Yellow (86%)
- Blue (100%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.6920, 13.9558, 3.7781 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 226.6920, 13.9558, 3.7781 by changing the saturation by 10% instead.

■ 226.6920, 13.9558,
3.7781

■ 226.6920, 13.9558,
3.7781

255.0000, 0.0000,
0.0000

■ 198.5780, 13.5190,
3.8781

■ 171.1650, 13.2297,
3.3633

■ 145.0510, 12.7929,
3.4633

■ 118.9370, 12.3561,
3.5633

■ 94.5240, 12.0667,
3.0485

■ 70.6980, 11.4879,
2.0189

■ 47.5840, 11.0511,

2.1188

■ 27.0570, 10.3249,
1.7040

■ 3.9750, 11.3513,
-0.8551

■ 226.6920, 13.9558,
3.7781

■ 226.6920, 13.9558,
3.7781

■ 206.9340, 23.6965,
6.1969

■ 246.4500, 4.2152,
1.3594

■ 186.5890, 33.7266,
9.1304

255.0000, 0.0000,
0.0000

■ 166.8310, 43.4673,
11.5492

■ 146.4860, 53.4974,
14.4828

■ 126.1410, 63.5275,
17.4163

■ 106.3830, 73.2682,
19.8351

■ 86.0380, 83.2983,
22.7687

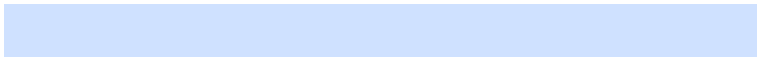
■ 66.2800, 93.0390,
25.1874

■ 54.4850, 98.8539,
26.7617

Harmonies

Analogous

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



223.0380, 15.7573, -14.0653



226.6920, 13.9558, 3.7781



228.1410, 6.3395, 20.0473

Triad

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



226.6920, 13.9558, 3.7781



225.5010, -16.5160, 24.1166



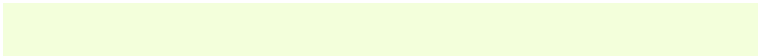
217.5290, 4.1762, -32.9129

Complementary

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



226.6920, 13.9558, 3.7781



247.3080, -13.9558, -3.7781

Split Complementary

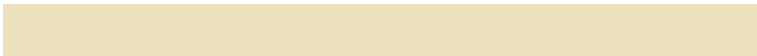
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.6740, -5.7553, -20.7621



226.6920, 13.9558, 3.7781



223.7830, -17.6410, 11.5913

Square

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



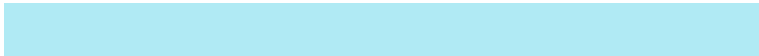
226.6920, 13.9558, 3.7781



224.6460, -9.6855, 26.6205



221.7100, -13.6610, -5.0077



217.7980, 12.9176, -36.6568

Rectangle

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



226.6920, 13.9558, 3.7781



226.7950, 1.0871, 24.7358



221.7100, -13.6610, -5.0077



218.3400, 0.8184, -29.2392

Sweetspot

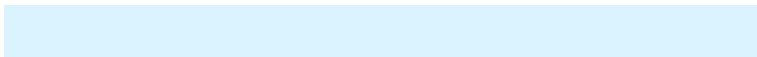
The Sweet Spot groups the original color and five complimentary colors.



226.6920, 13.9558, 3.7781



247.0370, 3.9258, 0.8446



237.1920, 8.7793, -15.9544



122.3960, 2.7628, 0.5297



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.



226.6920, 13.9558, 3.7781



221.0880, 16.7186, 4.3078



232.0740, 11.3025, 14.8441



117.6780, 5.0887, 1.1594



40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117

Inverse Universe

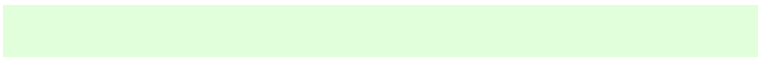
The Inverse Universe completely reimagines the original color for something new.



232.5000, 5.1765, 19.7325



228.1630, 6.3286, 23.5360



241.9260, -11.3025, -14.8441



119.7990, 1.5781, 7.1923



71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 226.6920, 13.9558, 3.7781 looks on a white background.

Color Contrast Check

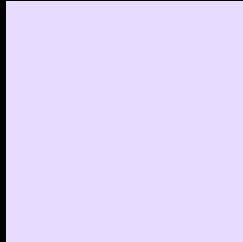
Large Text (above 18pt) WCAG AA × Fail

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 226.6920, 13.9558, 3.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

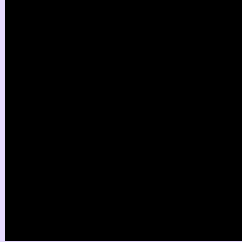
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.6920, 13.9558, 3.7781

Background



This preview shows how black text looks on a background with the YUV color 226.6920, 13.9558, 3.7781.



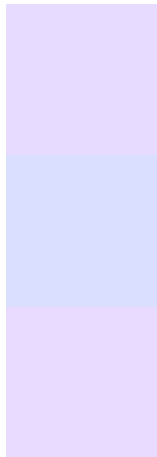
This preview shows how white text looks on a background with the YUV color 226.6920, 13.9558,

3.7781.

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

226.6920, 13.9558, 3.7781

Protanopia

225.4520, 14.5672, -5.6584

Deuteranopia

226.9910, 13.8084, 4.3929



Tritanopia

225.7320, 6.5411, 1.9890

Trichromacy



Original Color

226.6920, 13.9558, 3.7781

Protanomaly

226.0610, 14.2669, -2.6845

Deuteranomaly

226.9910, 13.8084, 4.3929

Tritanomaly

226.1280, 9.3039, 2.5187

Monochromacy



Original Color

226.6920, 13.9558, 3.7781

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.6920, 13.9558, 3.7781 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(231, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 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(231, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 226.6920, 13.9558, 3.7781 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(231, 219, 255) }
```


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

```
.border{ border-color:rgb(231, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 226.6920, 13.9558, 3.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 255) }
```

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

```
.background{ background-color: rgb(231,  
219, 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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