

Converting Colors

YUV(227.6110, 13.5028, 9.1112)

Have a look what the booklet for
YUV(227.6110, 13.5028, 9.1112)
contains.

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Color

**YUV(227.6110, 13.5028,
9.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	EED9FF
RGB	238, 217, 255
RGB Percent	93%, 85%, 100%
CMY	0.0667, 0.1490, 0.0000
CMYK	0.07, 0.15, 0.00, 0.00
HSL	273°, 100%, 93%
HSV	273°, 15%, 100%
XYZ	78.1227, 75.0229, 104.9711
YIQ	227.6110, 0.3180, 16.2700

Conversions

Conversions Part 2

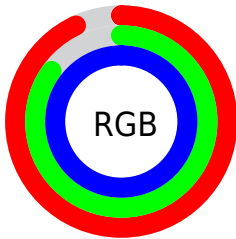
Format	Color
R _Y B	238, 217, 255
Decimal	15653375
CIE Lab	89.40, 14.04, -15.85
CIE LCh	89, 21.169, 311.538
Yxy	75.0229, 0.3027, 0.2907
Android (android.graphics.Color)	4293843455 (0xFFEED9FF)
YUV	227.6110, 13.5028, 9.1112
Hunter-Lab	86.6157, 9.4199, -11.2236

Details

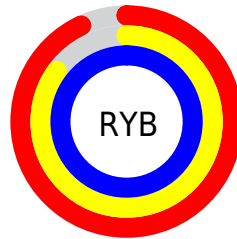
The YUV color $227.6110, 13.5028, 9.1112$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.3890, -13.5028, -9.1112$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.0840, 12.7766, 8.6963$ is the 20% darker color. If you saturate the color by 10%, you get $209.6470, 22.3590, 15.2186$, and if you desaturate by 10%, it is $246.1620, 4.3571, 2.4889$.

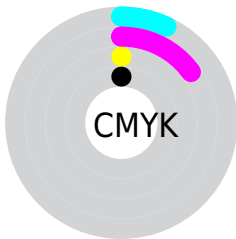
Distribution



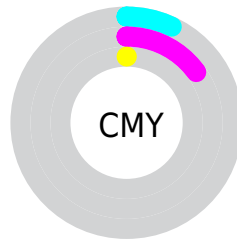
- Red (93%)
- Green (85%)
- Blue (100%)



- Red (93%)
- Yellow (85%)
- Blue (100%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 227.6110, 13.5028, 9.1112 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 227.6110, 13.5028, 9.1112 by changing the saturation by 10% instead.


 227.6110, 13.5028,
9.1112


 227.6110, 13.5028,
9.1112


255.0000, 0.0000,
0.0000


 199.4970, 13.0660,
9.2111

 172.0840, 12.7766,
8.6963

 145.6710, 12.4872,
8.1815

 119.5570, 12.0504,
8.2815

 95.1440, 11.7610,
7.7667

 71.3180, 11.1822,
6.7371

 48.7910, 10.4560,

6.3223

■ 27.3780, 10.1666,
5.8075

■ 6.9650, 9.8773,
5.2927

■ 227.6110, 13.5028,
9.1112

■ 227.6110, 13.5028,
9.1112

■ 209.6470, 22.3590,
15.2186

■ 246.1620, 4.3571,
2.4889

■ 190.7970, 31.6521,
21.2260

255.0000, 0.0000,
0.0000

■ 172.8330, 40.5083,
27.3335

■ 153.9830, 49.8014,
33.3409

■ 136.0190, 58.6576,
39.4483

■ 117.4680, 67.8033,
46.0706

■ 98.6180, 77.0963,
52.0780

■ 80.6540, 85.9526,
58.1854

■ 71.2290, 90.5991,
61.1892

Harmonies

Analogous

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



223.9460, 15.3096, -10.4766



227.6110, 13.5028, 9.1112



227.8210, 5.0182, 23.8360

Triad

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



227.6110, 13.5028, 9.1112



225.2190, -18.8420, 23.4869



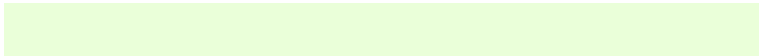
217.2940, 7.2501, -38.8458

Complementary

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



227.6110, 13.5028, 9.1112



244.3890, -13.5028, -9.1112

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.



218.2110, -3.5550, -26.4950



227.6110, 13.5028, 9.1112



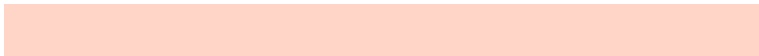
223.1200, -18.7932, 7.7878

Square

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



227.6110, 13.5028, 9.1112



223.9620, -12.3063, 27.2203



220.7910, -13.2080, -10.3407



217.9870, 16.2754, -40.3306

Rectangle

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



227.6110, 13.5028, 9.1112



225.6380, -0.8075, 25.7505



220.7910, -13.2080, -10.3407



217.1050, 3.8922, -35.1721

Sweetspot

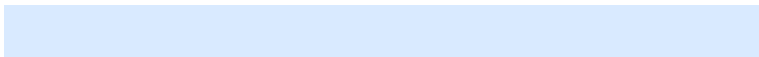
The Sweet Spot groups the original color and five complimentary colors.



227.6110, 13.5028, 9.1112



247.6350, 3.6309, 2.0741



231.3110, 11.6787, -12.5507



122.9940, 2.4680, 1.7593



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.



227.6110, 13.5028, 9.1112



221.7190, 16.4075, 10.7704



232.4660, 10.1233, 19.7623



118.5750, 4.6465, 3.0037



53.4680, 67.8033, 46.0706



17.7610, 22.7958, 15.1186

Inverse Universe

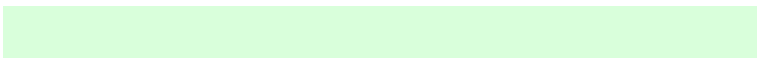
The Inverse Universe completely reimagines the original color for something new.



230.3000, 1.8241, 21.6619



225.1480, 2.3920, 26.1802



239.5340, -10.1233, -19.7623



119.4570, 0.2677, 7.4922



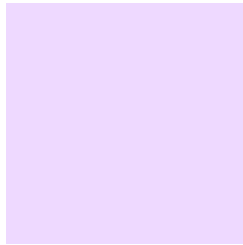
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 227.6110, 13.5028, 9.1112 looks on a white background.

Color Contrast Check

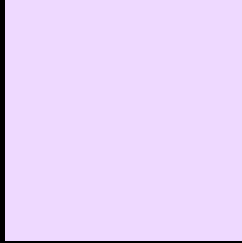
Large Text (above 18pt) WCAG AA × Fail

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 227.6110, 13.5028, 9.1112 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 227.6110, 13.5028, 9.1112

Background



This preview shows how black text looks on a background with the YUV color 227.6110, 13.5028, 9.1112.

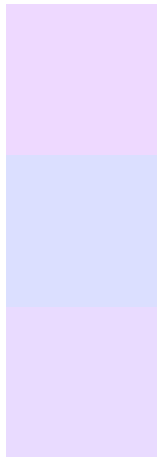


This preview shows how white text looks on a background with the YUV color 227.6110, 13.5028,

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

227.6110, 13.5028, 9.1112

Protanopia

225.4520, 14.5672, -5.6584

Deuteranopia

227.2900, 13.6610, 5.0077



Tritanopia

226.4230, 5.2145, 7.5220

Trichromacy



Original Color

227.6110, 13.5028, 9.1112

Protanomaly

226.3710, 14.1141, -0.3254

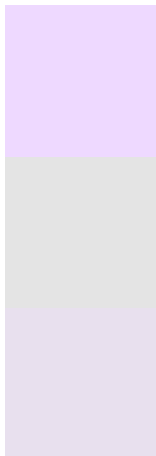
Deuteranomaly

227.3010, 13.6556, 6.7520

Tritanomaly

226.9330, 8.4140, 7.9518

Monochromacy



Original Color

227.6110, 13.5028, 9.1112

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.6110, 13.5028, 9.1112 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(238, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 217, 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(238, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 217, 255) }
```

Border

The CSS property to change the border of an element to YUV 227.6110, 13.5028, 9.1112 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(238, 217, 255) }
```


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

```
.border{ border-color:rgb(238, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 217,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 227.6110, 13.5028, 9.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 217, 255) }
```

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

```
.background{ background-color: rgb(238,  
217, 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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