

Converting Colors

YUV(227.5890, 13.5136, 5.6224)

Have a look what the booklet for
YUV(227.5890, 13.5136, 5.6224)
contains.

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Color

**YUV(227.5890, 13.5136,
5.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBFF
RGB	234, 219, 255
RGB Percent	92%, 86%, 100%
CMY	0.0824, 0.1412, 0.0000
CMYK	0.08, 0.14, 0.00, 0.00
HSL	265°, 100%, 93%
HSV	265°, 14%, 100%
XYZ	77.3132, 75.3755, 105.0818
YIQ	227.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

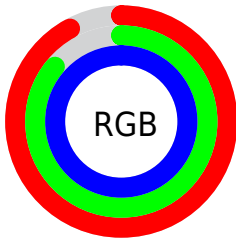
Format	Color
R _Y B	234, 219, 255
Decimal	15391743
CIE Lab	89.57, 11.70, -15.63
CIE LCh	90, 19.526, 306.824
Yxy	75.3755, 0.2999, 0.2924
Android (android.graphics.Color)	4293581823 (0xFFEADBFF)
YUV	227.5890, 13.5136, 5.6224
Hunter-Lab	86.8190, 7.0227, -10.9886

Details

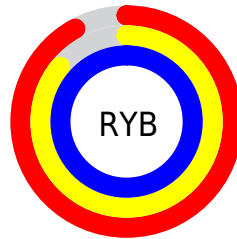
The YUV color $227.5890, 13.5136, 5.6224$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $246.4110, -13.5136, -5.6224$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.0620, 12.7874, 5.2076$ is the 20% darker color. If you saturate the color by 10%, you get $208.4290, 22.9595, 9.2708$, and if you desaturate by 10%, it is $246.7490, 4.0677, 1.9741$.

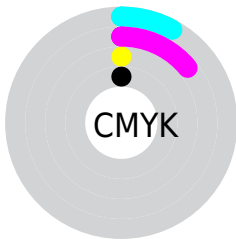
Distribution



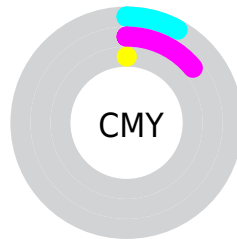
- Red (92%)
- Green (86%)
- Blue (100%)



- Red (92%)
- Yellow (86%)
- Blue (100%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.5890, 13.5136, 5.6224 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 227.5890, 13.5136, 5.6224 by changing the saturation by 10% instead.

■ 227.5890, 13.5136,
5.6224

■ 227.5890, 13.5136,
5.6224

255.0000, 0.0000,
0.0000

■ 199.4750, 13.0768,
5.7224

■ 172.0620, 12.7874,
5.2076

■ 145.6490, 12.4980,
4.6928

■ 119.5350, 12.0612,
4.7928

■ 95.1220, 11.7719,
4.2780

■ 71.0080, 11.3351,
4.3780

■ 48.4810, 10.6089,

3.9632

■ 27.6550, 10.0301,
2.9336

■ 5.7690, 10.4669,
2.8336

■ 227.5890, 13.5136,
5.6224

■ 227.5890, 13.5136,
5.6224

■ 208.4290, 22.9595,
9.2708

■ 246.7490, 4.0677,
1.9741

■ 188.6820, 32.6948,
13.4339

255.0000, 0.0000,
0.0000

■ 169.5220, 42.1407,
17.0822

■ 150.0740, 51.7285,
21.8601

■ 130.3270, 61.4638,
26.0232

■ 111.1670, 70.9097,
29.6715

■ 91.4200, 80.6449,
33.8347

■ 72.2600, 90.0908,
37.4830

■ 60.7640, 95.7583,
39.6720

Harmonies

Analogous

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



223.9350, 15.3150, -12.2210



227.5890, 13.5136, 5.6224



228.6250, 5.6079, 21.3769

Triad

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



227.5890, 13.5136, 5.6224



225.9740, -17.2422, 23.7018



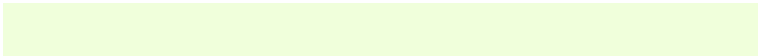
218.4580, 5.1972, -33.7277

Complementary

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



227.5890, 13.5136, 5.6224



246.4110, -13.5136, -5.6224

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.



219.8910, -4.8763, -22.7064



227.5890, 13.5136, 5.6224



224.0710, -17.7830, 10.4617

Square

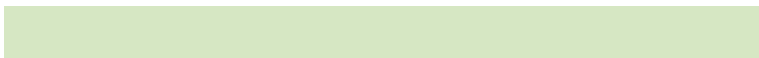
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.5890, 13.5136, 5.6224



225.1190, -10.4117, 26.2056



221.8130, -13.2188, -6.8520



219.0260, 13.7912, -36.8568

Rectangle

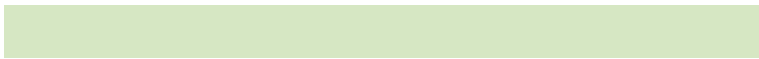
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.5890, 13.5136, 5.6224



226.6810, 0.6503, 24.8358



221.8130, -13.2188, -6.8520



218.5570, 1.6974, -31.1835

Sweetspot

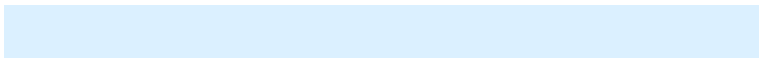
The Sweet Spot groups the original color and five complimentary colors.



227.5890, 13.5136, 5.6224



247.3360, 3.7784, 1.4593



235.4310, 9.6475, -14.4100



122.6950, 2.6154, 1.1445



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.



227.5890, 13.5136, 5.6224



222.2840, 16.1290, 6.7669



232.9710, 10.8603, 16.6884



117.9770, 4.9413, 1.7742



45.6940, 71.6359, 30.0864



15.3690, 23.9751, 10.2004

Inverse Universe

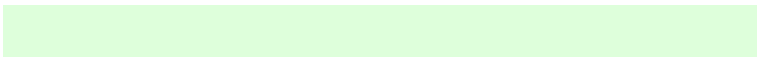
The Inverse Universe completely reimagines the original color for something new.



232.1580, 3.8661, 20.0324



227.7070, 4.5814, 23.9360



241.0290, -10.8603, -16.6884



119.6850, 1.1413, 7.2923



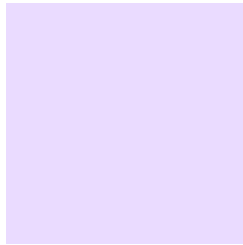
69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 227.5890, 13.5136, 5.6224 looks on a white background.

Color Contrast Check

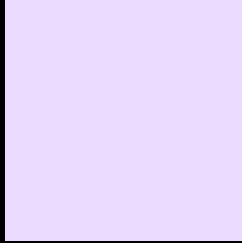
Large Text (above 18pt) WCAG AA × Fail

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 227.5890, 13.5136, 5.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

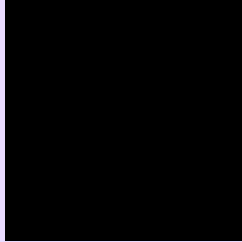
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

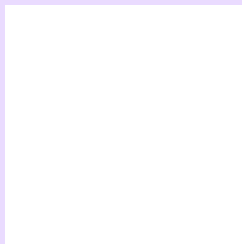
Any Text WCAG AAA ✓ Pass

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

YUV 227.5890, 13.5136, 5.6224 Background



This preview shows how black text looks on a background with the YUV color 227.5890, 13.5136, 5.6224.



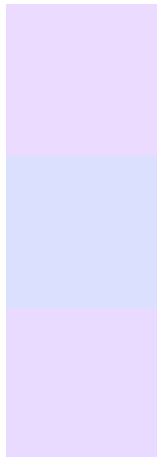
This preview shows how white text looks on a background with the YUV color 227.5890, 13.5136,

5.6224.

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

227.5890, 13.5136, 5.6224

Protanopia

226.3380, 14.1304, -5.5584

Deuteranopia

227.2900, 13.6610, 5.0077



Tritanopia

226.6290, 6.0989, 3.8334

Trichromacy



Original Color

227.5890, 13.5136, 5.6224

Protanomaly

226.6590, 13.9721, -1.4549

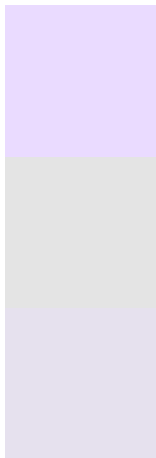
Deuteranomaly

227.2900, 13.6610, 5.0077

Tritanomaly

227.0250, 8.8617, 4.3631

Monochromacy



Original Color

227.5890, 13.5136, 5.6224

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.5890, 13.5136, 5.6224 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(234, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 227.5890, 13.5136, 5.6224 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(234, 219, 255) }
```


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

```
.border{ border-color:rgb(234, 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(234, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 227.5890, 13.5136, 5.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 255) }
```

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

```
.background{ background-color: rgb(234,  
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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