

Converting Colors

YUV(235.5900, 8.5831, 0.3596)

Have a look what the booklet for
YUV(235.5900, 8.5831, 0.3596)
contains.

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Color

**YUV(235.5900, 8.5831,
0.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE8FD
RGB	236, 232, 253
RGB Percent	93%, 91%, 99%
CMY	0.0745, 0.0902, 0.0078
CMYK	0.07, 0.08, 0.00, 0.01
HSL	251°, 84%, 95%
HSV	251°, 8%, 99%
XYZ	81.1783, 82.6379, 104.6007
YIQ	235.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

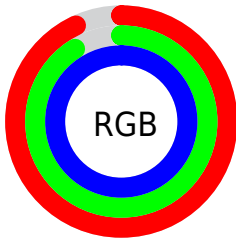
Format	Color
R _Y B	236, 232, 253
Decimal	15526141
CIE Lab	92.86, 5.19, -9.66
CIE LCh	93, 10.965, 298.229
Yxy	82.6379, 0.3024, 0.3079
Android (android.graphics.Color)	4293716221 (0xFFECE8FD)
YUV	235.5900, 8.5831, 0.3596
Hunter-Lab	90.9054, 0.3156, -4.5885

Details

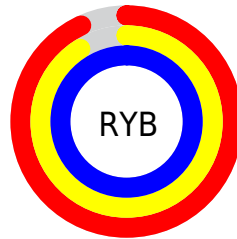
The YUV color `235.5900, 8.5831, 0.3596` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.4100, -8.5831, -0.3596`, and the grayscale version is `236.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `179.4760, 8.1463, 0.4595` is the 20% darker color. If you saturate the color by 10%, you get `214.9350, 18.7660, 0.9340`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

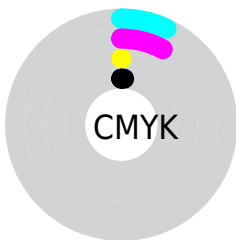
Distribution



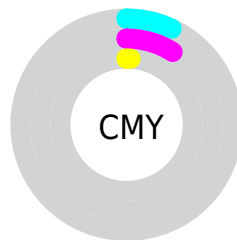
- Red (93%)
- Green (91%)
- Blue (99%)



- Red (93%)
- Yellow (91%)
- Blue (99%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5900, 8.5831, 0.3596 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 235.5900, 8.5831, 0.3596 by changing the saturation by 10% instead.

235.5900, 8.5831,
0.3596

235.5900, 8.5831,
0.3596

255.0000, 0.0000,
0.0000

207.4760, 8.1463,
0.4595

179.4760, 8.1463,
0.4595

153.0630, 7.8569,
-0.0553

127.0630, 7.8569,
-0.0553

101.9490, 7.4201,
0.0447

77.8350, 6.9833,
0.1447

55.4220, 6.6940,

-0.3701

■ 33.7210, 6.5465,
0.2447

■ 10.9600, 7.4147,
1.7891

■ 235.5900, 8.5831,
0.3596

■ 235.5900, 8.5831,
0.3596

■ 214.9350, 18.7660,
0.9340

254.7720, -0.8736,
0.2000

■ 193.3940, 29.3858,
1.4085

■ 172.7390, 39.5687,
1.9829

■ 151.7850, 49.8990,
1.9426

■ 130.5430, 60.3713,
3.0318

■ 109.5890, 70.7016,
2.9914

■ 88.9340, 80.8845,
3.5659

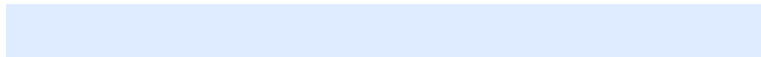
■ 67.9800, 91.2149,
3.5255

■ 46.7380, 101.6872,
4.6148

Harmonies

Analogous

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



234.2790, 10.2155, -9.8917



235.5900, 8.5831, 0.3596



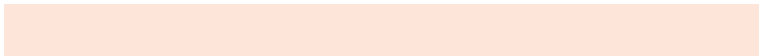
236.6190, 4.6248, 9.9811

Triad

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



235.5900, 8.5831, 0.3596



235.3950, -9.0687, 15.4396



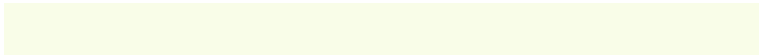
231.1180, 0.9278, -17.6435

Complementary

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



235.5900, 8.5831, 0.3596



249.4100, -8.5831, -0.3596

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.



232.0820, -4.4774, -10.5959



235.5900, 8.5831, 0.3596



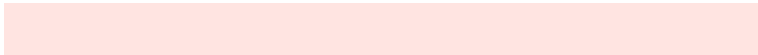
234.1230, -9.9206, 8.6621

Square

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



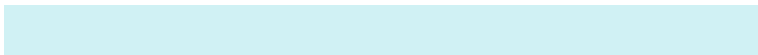
235.5900, 8.5831, 0.3596



235.7310, -5.2904, 16.8989



233.1110, -8.4357, -0.9743



231.4750, 6.1748, -20.5876

Rectangle

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



235.5900, 8.5831, 0.3596



237.0280, 0.9722, 14.8844



233.1110, -8.4357, -0.9743



231.6730, -0.8248, -15.4992

Sweetspot

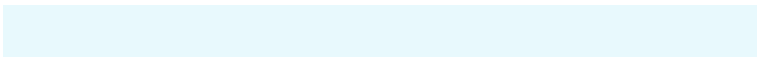
The Sweet Spot groups the original color and five complimentary colors.



235.5900, 8.5831, 0.3596



250.8690, 2.0366, 0.1149



244.3730, 4.2531, -10.8511



125.3420, 1.3104, -0.2999



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.



235.5900, 8.5831, 0.3596



234.0460, 10.3303, -0.0403



238.5800, 7.1091, 6.5073



117.0800, 5.3836, -0.0702



32.5380, 78.1218, 3.0362



10.8840, 26.1862, 0.9787

Inverse Universe

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



240.2170, 4.3300, 11.2107



239.7550, 5.0508, 13.3699



246.4200, -7.1091, -6.5073



120.0270, 2.4517, 6.9923



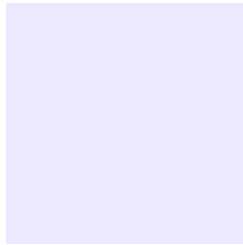
74.7790, 39.5490, 101.9258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 235.5900, 8.5831, 0.3596 looks on a white background.

Color Contrast Check

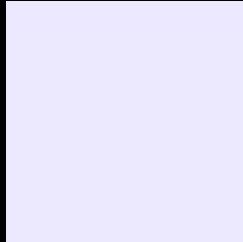
Large Text (above 18pt) WCAG AA × Fail

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 235.5900, 8.5831, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

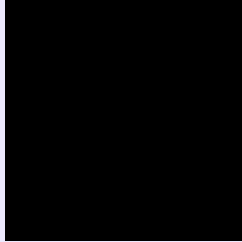
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.5900, 8.5831, 0.3596

Background



This preview shows how black text looks on a background with the YUV color 235.5900, 8.5831, 0.3596.



This preview shows how white text looks on a background with the YUV color 235.5900, 8.5831,

0.3596.

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

235.5900, 8.5831, 0.3596

Protanopia

235.3940, 9.1728, -2.0995

Deuteranopia

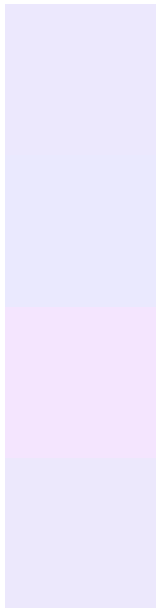
236.9440, 8.4086, 9.6961



Tritanopia

235.3620, 7.7095, 0.5595

Trichromacy



Original Color

235.5900, 8.5831, 0.3596

Protanomaly

235.6930, 9.0254, -1.4848

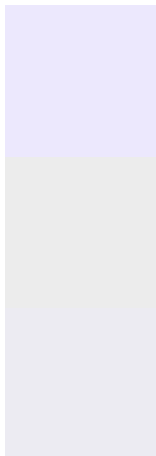
Deuteranomaly

236.3350, 8.7088, 6.7222

Tritanomaly

235.4760, 8.1463, 0.4595

Monochromacy



Original Color

235.5900, 8.5831, 0.3596

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5900, 8.5831, 0.3596 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(236, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 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(236, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 253) }
```

Border

The CSS property to change the border of an element to YUV 235.5900, 8.5831, 0.3596 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(236, 232, 253) }
```


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

```
.border{ border-color:rgb(236, 232, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 253);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 235.5900, 8.5831, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 253) }
```

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

```
.background{ background-color: rgb(236,  
232, 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](#).

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