

Converting Colors

YUV(248.2600, 2.3368, -2.8590)

Have a look what the booklet for
YUV(248.2600, 2.3368, -2.8590)
contains.

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Color

**YUV(248.2600, 2.3368,
-2.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F9FD
RGB	245, 249, 253
RGB Percent	96%, 98%, 99%
CMY	0.0392, 0.0235, 0.0078
CMYK	0.03, 0.02, 0.00, 0.01
HSL	210°, 67%, 98%
HSV	210°, 3%, 99%
XYZ	89.2615, 94.2557, 106.4171
YIQ	248.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

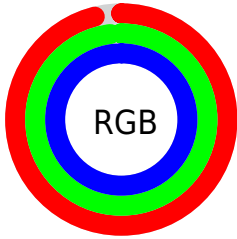
Format	Color
R _Y B	245, 248, 253
Decimal	16120317
CIE Lab	97.73, -0.59, -2.38
CIE LCh	98, 2.457, 255.990
Yxy	94.2557, 0.3079, 0.3251
Android (android.graphics.Color)	4294310397 (0xFFFF5F9FD)
YUV	248.2600, 2.3368, -2.8590
Hunter-Lab	97.0854, -5.7843, 2.9709

Details

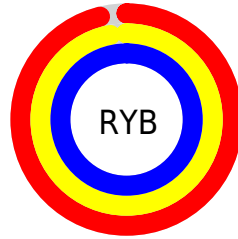
The YUV color $248.2600, 2.3368, -2.8590$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.7400, -2.3368, 2.8590$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.1460, 1.9000, -2.7590$ is the 20% darker color. If you saturate the color by 10%, you get $233.1540, 9.7841, -11.5361$, and if you desaturate by 10%, it is $254.7720, -0.8736, 0.2000$.

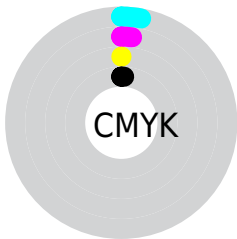
Distribution



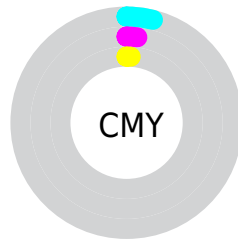
- Red (96%)
- Green (98%)
- Blue (99%)



- Red (96%)
- Yellow (97%)
- Blue (99%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.2600, 2.3368, -2.8590 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 248.2600, 2.3368, -2.8590 by changing the saturation by 10% instead.

248.2600, 2.3368,
-2.8590

248.2600, 2.3368,
-2.8590

255.0000, 0.0000,
0.0000

219.5590, 2.1894,
-2.2442

192.1460, 1.9000,
-2.7590

164.5590, 2.1894,
-2.2442

138.5590, 2.1894,
-2.2442

113.1460, 1.9000,
-2.7590

88.5590, 2.1894,
-2.2442

65.4450, 1.7526,

-2.1443

■ 43.4450, 1.7526,
-2.1443

■ 22.4450, 1.7526,
-2.1443

■ 248.2600, 2.3368,
-2.8590

■ 248.2600, 2.3368,
-2.8590

■ 233.1540, 9.7841,
-11.5361

254.7720, -0.8736,
0.2000

■ 218.3360, 17.0894,
-21.3427

■ 203.2300, 24.5366,
-30.0197

■ 188.1240, 31.9839,
-38.6967

■ 173.3060, 39.2891,
-48.5034

■ 158.2000, 46.7364,
-57.1804

■ 143.0940, 54.1837,
-65.8574

■ 128.5750, 61.3415,
-75.0493

■ 113.1700, 68.9362,
-84.3411

Harmonies

Analogous

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



248.1350, 1.9054, -4.5034



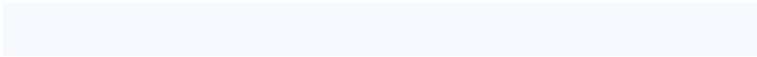
248.2600, 2.3368, -2.8590



248.5700, 2.1840, -0.4999

Triad

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



248.2600, 2.3368, -2.8590



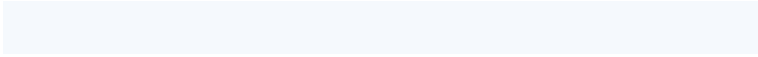
249.0930, -1.0318, 4.3034



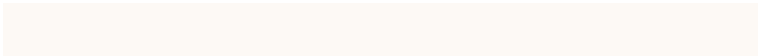
247.6470, -1.3050, -1.4444

Complementary

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



248.2600, 2.3368, -2.8590



249.7400, -2.3368, 2.8590

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.



248.4300, -2.1840, 0.4999



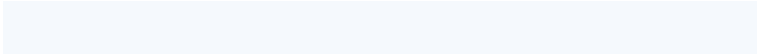
248.2600, 2.3368, -2.8590



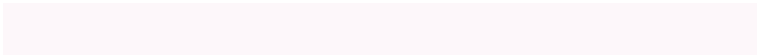
248.8650, -1.9054, 4.5034

Square

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



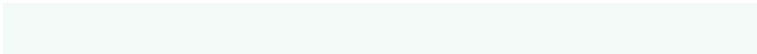
248.2600, 2.3368, -2.8590



249.1360, 0.4260, 3.3887



248.7400, -2.3368, 2.8590



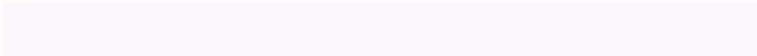
247.8640, -0.4260, -3.3887

Rectangle

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



248.2600, 2.3368, -2.8590



249.0540, 1.4524, 0.8296



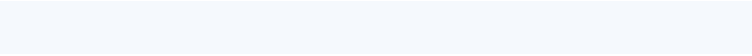
248.7400, -2.3368, 2.8590



247.9460, -1.4524, -0.8296

Sweetspot

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



248.2600, 2.3368, -2.8590



253.5160, 0.7316, -1.3295



250.1520, -0.5679, -4.5183



126.8150, 0.5842, -0.7148



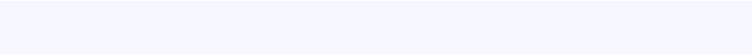
0.0000, 0.0000, 0.0000



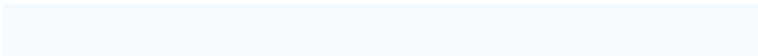
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.2600, 2.3368, -2.8590



249.0750, 2.9210, -3.5738



245.9120, 3.4944, -0.7998



123.5590, 2.1894, -2.2442



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Inverse Universe

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



247.8480, 0.5679, 4.5183



248.5600, 0.7099, 5.6479



252.0880, -3.4944, 0.7998



123.4350, 0.2785, 4.0035



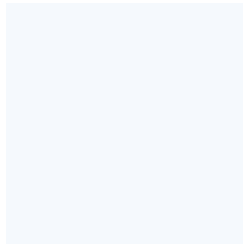
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 248.2600, 2.3368, -2.8590 looks on a white background.

Color Contrast Check

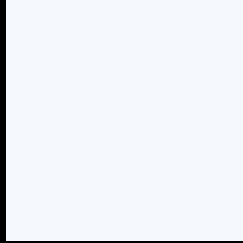
Large Text (above 18pt) WCAG AA × Fail

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 248.2600, 2.3368, -2.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

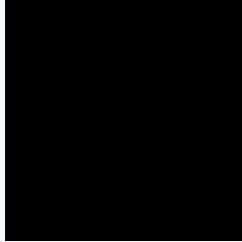
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

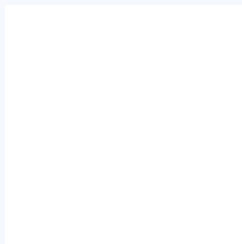
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 248.2600, 2.3368, -2.8590

Background



This preview shows how black text looks on a background with the YUV color 248.2600, 2.3368, -2.8590.



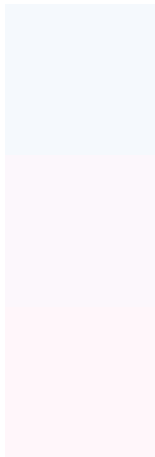
This preview shows how white text looks on a background with the YUV color 248.2600, 2.3368,

-2.890.

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

248.2600, 2.3368, -2.8590

Protanopia

249.0650, 1.4470, 2.5740

Deuteranopia

249.1470, 0.4205, 5.1331

Tritanopia

248.7980, 3.0576, -0.6998

Trichromacy



Original Color

248.2600, 2.3368, -2.8590

Protanomaly

248.7550, 1.5998, 0.2149

Deuteranomaly

248.6520, 1.1576, 2.0592

Tritanomaly

248.3850, 2.7682, -1.2146

Monochromacy



Original Color

248.2600, 2.3368, -2.8590

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.2600, 2.3368, -2.8590 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(245, 249, 253)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 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(245, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 253) }
```

Border

The CSS property to change the border of an element to YUV 248.2600, 2.3368, -2.8590 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(245, 249, 253) }
```


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

```
.border{ border-color:rgb(245, 249, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 253);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 248.2600, 2.3368, -2.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 253) }
```

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

```
.background{ background-color: rgb(245,  
249, 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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