

Converting Colors

YUV(243.8580, 2.0420, -1.6295)

Have a look what the booklet for
YUV(243.8580, 2.0420, -1.6295)
contains.

YUV(243.8580, 2.0420, -1.6295)	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(243.8580, 2.0420,
-1.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F4F8
RGB	242, 244, 248
RGB Percent	95%, 96%, 97%
CMY	0.0510, 0.0431, 0.0275
CMYK	0.02, 0.02, 0.00, 0.03
HSL	220°, 30%, 96%
HSV	220°, 2%, 97%
XYZ	85.9119, 90.3559, 101.7193
YIQ	243.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

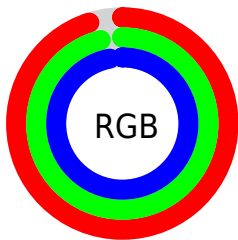
Format	Color
R _Y B	242, 244, 248
Decimal	15922424
CIE Lab	96.14, 0.06, -2.16
CIE LCh	96, 2.163, 271.557
Yxy	90.3559, 0.3090, 0.3250
Android (android.graphics.Color)	4294112504 (0xFF2F4F8)
YUV	243.8580, 2.0420, -1.6295
Hunter-Lab	95.0557, -5.0182, 3.0927

Details

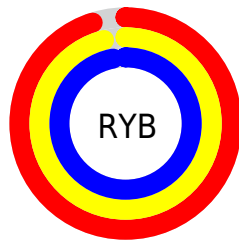
The YUV color $243.8580, 2.0420, -1.6295$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.1420, -2.0420, 1.6295$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.8580, 2.0420, -1.6295$ is the 20% darker color. If you saturate the color by 10%, you get $226.4040, 10.6468, -8.2473$, and if you desaturate by 10%, it is $254.2020, -3.0576, 0.6998$.

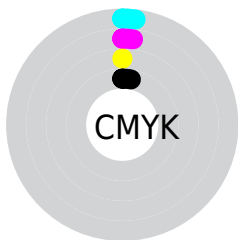
Distribution



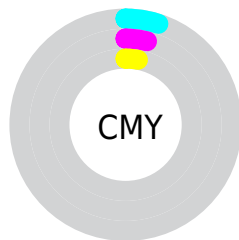
- Red (95%)
- Green (96%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.8580, 2.0420, -1.6295 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 243.8580, 2.0420, -1.6295 by changing the saturation by 10% instead.

243.8580, 2.0420,
-1.6295

243.8580, 2.0420,
-1.6295

255.0000, 0.0000,
0.0000

215.7440, 1.6052,
-1.5295

187.8580, 2.0420,
-1.6295

160.8580, 2.0420,
-1.6295

134.7440, 1.6052,
-1.5295

109.1570, 1.8946,
-1.0147

84.7440, 1.6052,
-1.5295

61.7440, 1.6052,

-1.5295

■ 40.0430, 1.4578,
-0.9147

■ 19.7440, 1.6052,
-1.5295

■ 243.8580, 2.0420,
-1.6295

■ 243.8580, 2.0420,
-1.6295

■ 226.4040, 10.6468,
-8.2473

■ 254.2020, -3.0576,
0.6998

■ 209.5370, 18.9623,
-15.3799

■ 192.3820, 27.4197,
-21.3830

■ 175.5150, 35.7351,
-28.5157

■ 158.0610, 44.3399,
-35.1335

■ 141.1940, 52.6554,
-42.2661

■ 123.7400, 61.2602,
-48.8840

■ 107.1720, 69.4282,
-55.4018

■ 89.7180, 78.0330,
-62.0197

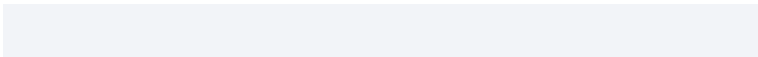
Harmonies

Analogous

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



243.7330, 1.6106, -3.2738



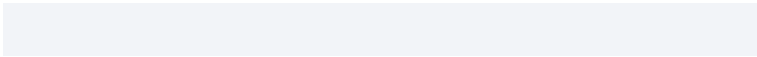
243.8580, 2.0420, -1.6295



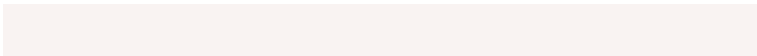
244.0540, 1.4524, 0.8296

Triad

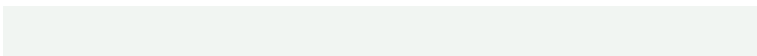
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.8580, 2.0420, -1.6295



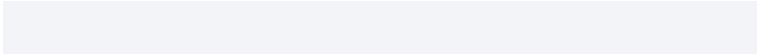
244.6800, -1.3212, 3.7886



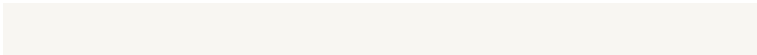
243.4620, -0.7208, -2.1592

Complementary

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



243.8580, 2.0420, -1.6295



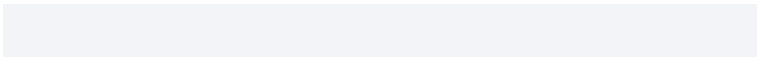
246.1420, -2.0420, 1.6295

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.



243.2450, -1.5998, -0.2149



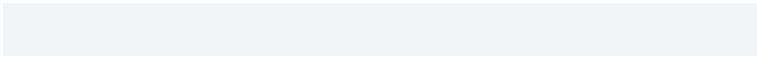
243.8580, 2.0420, -1.6295



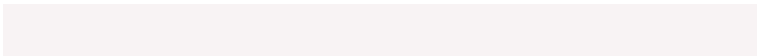
244.1530, -2.0474, 3.3738

Square

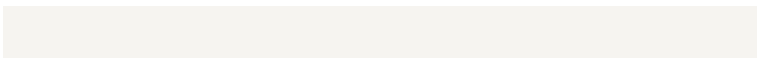
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.8580, 2.0420, -1.6295



244.6090, -0.3002, 2.9739



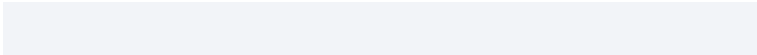
244.1420, -2.0420, 1.6295



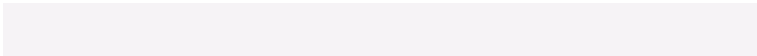
243.0920, 0.4476, -3.5887

Rectangle

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



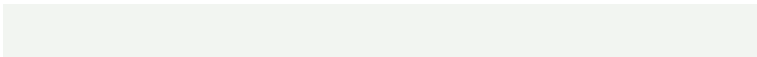
243.8580, 2.0420, -1.6295



244.2390, 0.8682, 1.5444



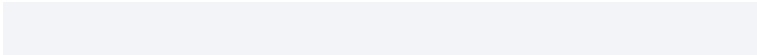
244.1420, -2.0420, 1.6295



243.6470, -1.3050, -1.4444

Sweetspot

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



243.8580, 2.0420, -1.6295



252.9290, 1.0210, -0.8147



245.9780, 0.0108, -3.4887



126.8150, 0.5842, -0.7148



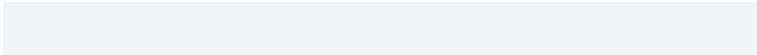
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

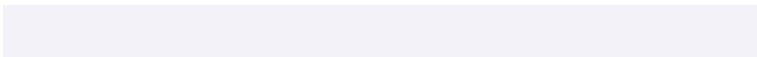
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.8580, 2.0420, -1.6295



249.6730, 2.6262, -2.3442



242.9830, 2.4734, 0.0149



121.7440, 1.6052, -1.5295



58.5270, 64.3232, -51.3282



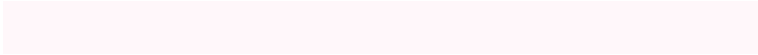
18.6940, 20.8569, -16.3946

Inverse Universe

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



244.0220, -0.0108, 3.4887



249.7340, 0.1311, 4.6183



247.0170, -2.4734, -0.0149



121.7230, 0.1366, 2.8739



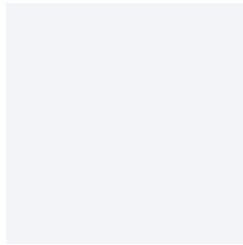
63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 243.8580, 2.0420, -1.6295 looks on a white background.

Color Contrast Check

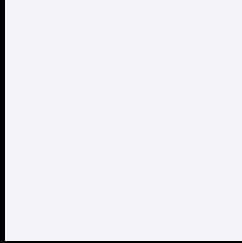
Large Text (above 18pt) WCAG AA × Fail

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 243.8580, 2.0420, -1.6295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

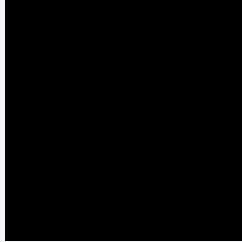
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

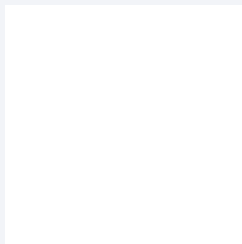
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.8580, 2.0420, -1.6295

Background



This preview shows how black text looks on a background with the YUV color 243.8580, 2.0420, -1.6295.



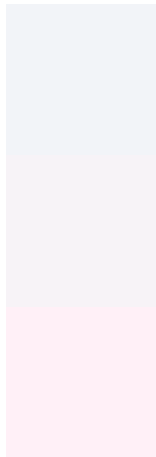
This preview shows how white text looks on a background with the YUV color 243.8580, 2.0420, -1.6295.

-1.6395.

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

243.8580, 2.0420, -1.6295

Protanopia

244.6520, 1.1576, 2.0592

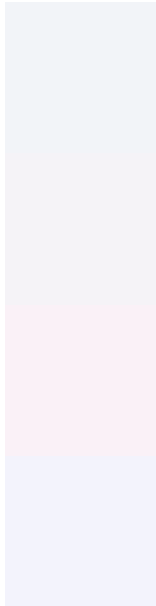
Deuteranopia

245.2830, 0.8465, 8.5218

Tritanopia

244.6670, 5.0942, -0.5850

Trichromacy



Original Color

243.8580, 2.0420, -1.6295

Protanomaly

244.0540, 1.4524, 0.8296

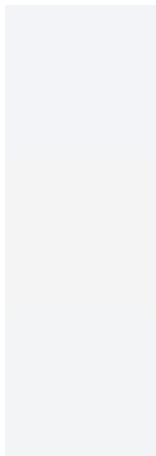
Deuteranomaly

244.3750, 1.2941, 4.9331

Tritanomaly

244.0260, 3.9312, -0.8998

Monochromacy



Original Color

243.8580, 2.0420, -1.6295

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.8150, 0.5842, -0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.8580, 2.0420, -1.6295 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(242, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(242, 244, 248)  
}
```

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(242, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 248) }
```

Border

The CSS property to change the border of an element to YUV 243.8580, 2.0420, -1.6295 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(242, 244, 248) }
```


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

```
.border{ border-color:rgb(242, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 244,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 243.8580, 2.0420, -1.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 244, 248) }
```

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

```
.background{ background-color: rgb(242,  
244, 248) }
```

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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