

Converting Colors

YUV(242.7710, 4.0569, 5.4628)

Have a look what the booklet for
YUV(242.7710, 4.0569, 5.4628)
contains.

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Color

**YUV(242.7710, 4.0569,
5.4628)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9EEFB |
| RGB | 249, 238, 251 |
| RGB Percent | 98%, 93%, 98% |
| CMY | 0.0235, 0.0667, 0.0157 |
| CMYK | 0.01, 0.05, 0.00, 0.02 |
| HSL | 291°, 62%, 96% |
| HSV | 291°, 5%, 98% |
| XYZ | 87.0540, 88.2538, 103.7132 |
| YIQ | 242.7710, 2.3830, 6.3750 |

Conversions

Conversions Part 2

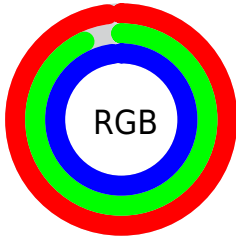
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 249, 238, 251 |
| Decimal | 16379643 |
| CIE Lab | 95.27, 5.97, -4.94 |
| CIE LCh | 95, 7.750, 320.378 |
| Yxy | 88.2538, 0.3120, 0.3163 |
| Android (android.graphics.Color) | 4294569723 (0xFF9EEFB) |
| YUV | 242.7710, 4.0569, 5.4628 |
| Hunter-Lab | 93.9435, 1.0083, 0.3046 |

Details

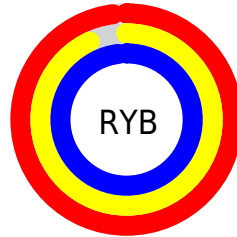
The YUV color `242.7710, 4.0569, 5.4628` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.2290, -4.0569, -5.4628`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.7710, 4.0569, 5.4628` is the 20% darker color. If you saturate the color by 10%, you get `226.9000, 11.8813, 15.8737`, and if you desaturate by 10%, it is `253.9460, -1.4524, -0.8296`.

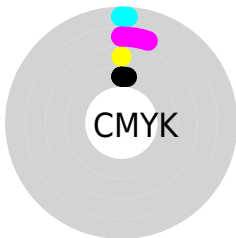
Distribution



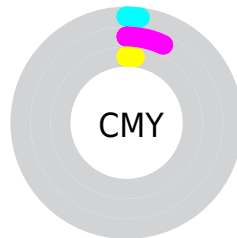
- Red (98%)
- Green (93%)
- Blue (98%)



- Red (98%)
- Yellow (93%)
- Blue (98%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.7710, 4.0569, 5.4628 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 242.7710, 4.0569, 5.4628 by changing the saturation by 10% instead.


 242.7710, 4.0569,
5.4628


 242.7710, 4.0569,
5.4628

255.0000, 0.0000,
0.0000

 214.3580, 3.7675,
4.9480

 186.7710, 4.0569,
5.4628

 159.3580, 3.7675,
4.9480

 133.3580, 3.7675,
4.9480

 108.2440, 3.3307,
5.0480

 83.9450, 3.4781,
4.4332

 60.8310, 3.0413,

4.5332

■ 39.4180, 2.7519,
4.0184

■ 17.9450, 3.4781,
4.4332

■ 242.7710, 4.0569,
5.4628

■ 242.7710, 4.0569,
5.4628

■ 226.9000, 11.8813,
15.8737

■ 253.9460, -1.4524,
-0.8296

■ 211.0290, 19.7057,
26.2846

■ 254.5440, -1.7472,
0.3999

■ 195.1580, 27.5301,
36.6954

■ 179.5860, 35.2071,
47.7211

■ 163.7150, 43.0315,
58.1319

■ 147.2570, 51.1453,
69.0576

■ 131.3860, 58.9697,
79.4685

■ 115.5150, 66.7941,
89.8793

■ 99.6440, 74.6185,
100.2902

Harmonies

Analogous

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



241.7100, 6.5520, -1.4997



242.7710, 4.0569, 5.4628



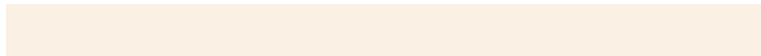
243.1800, 0.4043, 10.3661

Triad

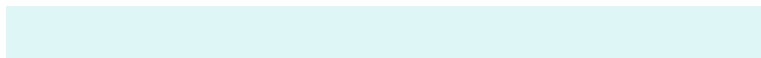
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.7710, 4.0569, 5.4628



241.5080, -7.1524, 7.4475



239.1230, 3.3904, -14.1399

Complementary

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



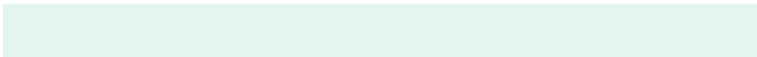
242.7710, 4.0569, 5.4628



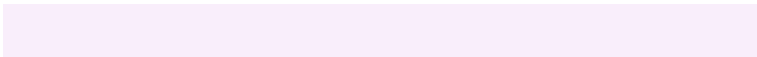
246.2290, -4.0569, -5.4628

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.



239.2220, -0.1094, -11.5957



242.7710, 4.0569, 5.4628



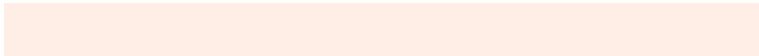
240.2900, -6.5520, 1.4997

Square

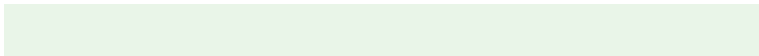
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



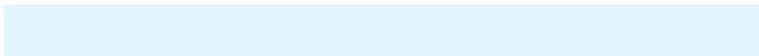
242.7710, 4.0569, 5.4628



242.1710, -6.0003, 11.2510



239.9300, -3.9095, -6.0776



239.9320, 6.4425, -13.0954

Rectangle

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



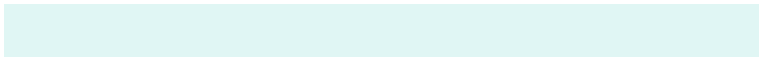
242.7710, 4.0569, 5.4628



242.0230, -1.4903, 11.3808



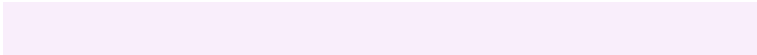
239.9300, -3.9095, -6.0776



239.1940, 2.3694, -13.3251

Sweetspot

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



242.7710, 4.0569, 5.4628



251.7660, 1.5944, 1.9592



240.6560, 5.0996, -2.3293



125.9400, 1.0156, 0.9296



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.



242.7710, 4.0569, 5.4628



245.5970, 4.6357, 6.4924



242.9130, 2.0149, 7.0923



119.4180, 2.7519, 4.0184



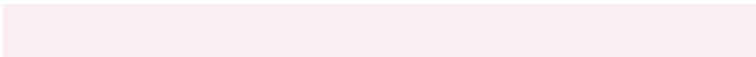
69.3860, 58.9697, 79.4685



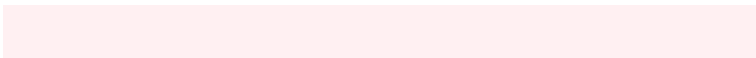
22.5020, 18.9795, 25.8697

Inverse Universe

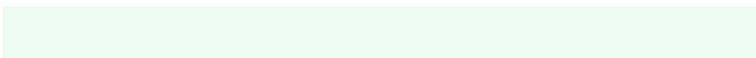
The Inverse Universe completely reimagines the original color for something new.



242.1150, -1.0427, 7.7921



244.7130, -1.3375, 9.0217



246.0870, -2.0149, -7.0923



118.9190, -0.4531, 5.3330



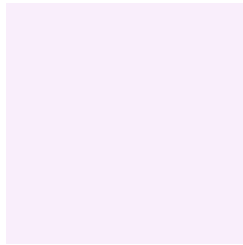
59.8170, -15.1928, 113.2935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 242.7710, 4.0569, 5.4628 looks on a white background.

Color Contrast Check

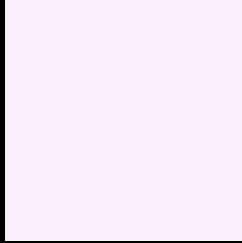
Large Text (above 18pt) WCAG AA × Fail

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 242.7710, 4.0569, 5.4628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

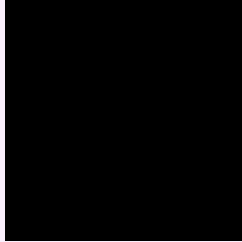
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.7710, 4.0569, 5.4628

Background



This preview shows how black text looks on a background with the YUV color 242.7710, 4.0569, 5.4628.



This preview shows how white text looks on a background with the YUV color 242.7710, 4.0569,

5.4628.

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

242.7710, 4.0569, 5.4628

Protanopia

241.9660, 4.9468, 0.0298

Deuteranopia

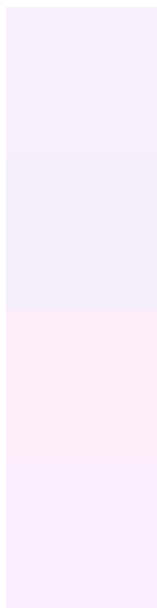
243.1630, 2.8776, 10.3810



Tritanopia

242.6400, 6.0935, 5.5777

Trichromacy



Original Color

242.7710, 4.0569, 5.4628

Protanomaly

242.2760, 4.7939, 2.3889

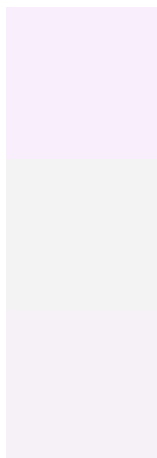
Deuteranomaly

243.2660, 3.3199, 8.5367

Tritanomaly

242.5260, 5.6567, 5.6777

Monochromacy



Original Color

242.7710, 4.0569, 5.4628

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.7660, 1.5944, 1.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.7710, 4.0569, 5.4628 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(249, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 251)  
}
```

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(249, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 251) }
```

Border

The CSS property to change the border of an element to YUV 242.7710, 4.0569, 5.4628 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(249, 238, 251) }
```


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

```
.border{ border-color:rgb(249, 238, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 242.7710, 4.0569, 5.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 251) }
```

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

```
.background{ background-color: rgb(249,  
238, 251) }
```

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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