

Converting Colors

YUV(242.3410, 6.2409, 4.9629)

Have a look what the booklet for
YUV(242.3410, 6.2409, 4.9629)
contains.

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Color

**YUV(242.3410, 6.2409,
4.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EDFF
RGB	248, 237, 255
RGB Percent	97%, 93%, 100%
CMY	0.0275, 0.0706, 0.0000
CMYK	0.03, 0.07, 0.00, 0.00
HSL	277°, 100%, 96%
HSV	277°, 7%, 100%
XYZ	87.0456, 87.7448, 106.9564
YIQ	242.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

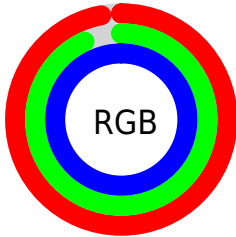
Format	Color
R_{YB}	248, 237, 255
Decimal	16313855
CIE _{Lab}	95.05, 6.88, -7.34
CIE _{LCh}	95, 10.060, 313.130
Yxy	87.7448, 0.3089, 0.3114
Android (android.graphics.Color)	4294503935 (0xFFFF8EDFF)
YUV	242.3410, 6.2409, 4.9629
Hunter-Lab	93.6722, 1.9461, -2.1277

Details

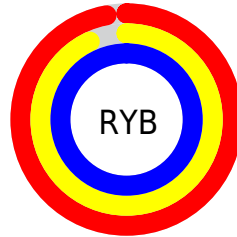
The YUV color `242.3410, 6.2409, 4.9629` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.6590, -6.2409, -4.9629`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.2270, 5.8041, 5.0629` is the 20% darker color. If you saturate the color by 10%, you get `224.6760, 14.9497, 11.6851`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

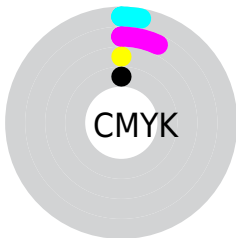
Distribution



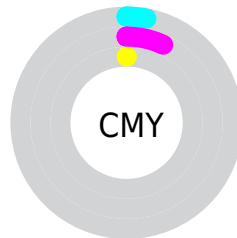
- Red (97%)
- Green (93%)
- Blue (100%)



- Red (97%)
- Yellow (93%)
- Blue (100%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.3410, 6.2409, 4.9629 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 242.3410, 6.2409, 4.9629 by changing the saturation by 10% instead.

242.3410, 6.2409,
4.9629

242.3410, 6.2409,
4.9629

255.0000, 0.0000,
0.0000

213.9280, 5.9515,
4.4481

186.2270, 5.8041,
5.0629

158.9280, 5.9515,
4.4481

132.9280, 5.9515,
4.4481

107.8140, 5.5147,
4.5481

83.4010, 5.2253,
4.0333

60.4010, 5.2253,

4.0333

■ 38.8740, 4.4991,
3.6185

■ 17.5860, 4.6411,
4.7481

■ 242.3410, 6.2409,
4.9629

■ 242.3410, 6.2409,
4.9629

■ 224.6760, 14.9497,
11.6851

255.0000, 0.0000,
0.0000

■ 206.4240, 23.9480,
18.9222

■ 188.7590, 32.6568,
25.6444

■ 170.5070, 41.6550,
32.8814

■ 152.8420, 50.3639,
39.6036

■ 134.5900, 59.3621,
46.8406

■ 116.6370, 68.2130,
54.6924

■ 98.9720, 76.9218,
61.4146

■ 81.3070, 85.6306,
68.1368

Harmonies

Analogous

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



240.5140, 7.1416, -3.9588



242.3410, 6.2409, 4.9629



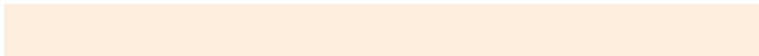
242.3480, 2.2934, 11.0958

Triad

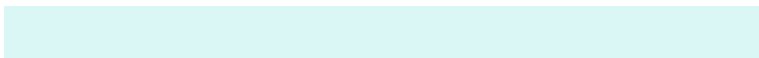
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.3410, 6.2409, 4.9629



240.9600, -9.3473, 11.4361



238.1010, 3.4012, -17.6286

Complementary

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



242.3410, 6.2409, 4.9629



249.6590, -6.2409, -4.9629

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.



237.8690, -1.4144, -13.0401



242.3410, 6.2409, 4.9629



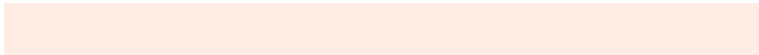
239.7310, -8.7414, 3.7439

Square

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



242.3410, 6.2409, 4.9629



240.7690, -6.2951, 12.4806



238.6590, -6.2409, -4.9629



238.5400, 7.6218, -18.0136

Rectangle

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



242.3410, 6.2409, 4.9629



240.9630, -0.4748, 12.3104



238.6590, -6.2409, -4.9629



237.9440, 1.5066, -16.6139

Sweetspot

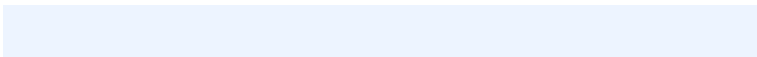
The Sweet Spot groups the original color and five complimentary colors.



242.3410, 6.2409, 4.9629



251.4670, 1.7418, 1.3444



243.1610, 5.8366, -5.4032



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.



242.3410, 6.2409, 4.9629



240.8680, 6.9671, 5.3778



244.2060, 4.3354, 9.4663



118.8740, 4.4991, 3.6185



56.7570, 66.1818, 52.8331



18.9570, 22.2062, 17.5777

Inverse Universe

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



243.1800, 0.4043, 10.3661



241.8920, 0.5462, 11.4957



247.7940, -4.3354, -9.4663



119.4570, 0.2677, 7.4922



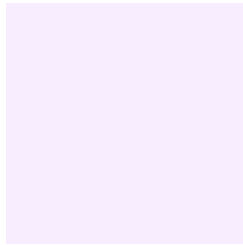
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 242.3410, 6.2409, 4.9629 looks on a white background.

Color Contrast Check

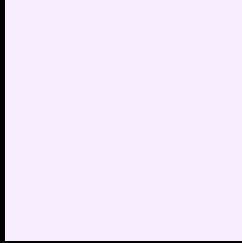
Large Text (above 18pt) WCAG AA × Fail

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 242.3410, 6.2409, 4.9629 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 242.3410, 6.2409, 4.9629

Background



This preview shows how black text looks on a background with the YUV color 242.3410, 6.2409, 4.9629.



This preview shows how white text looks on a background with the YUV color 242.3410, 6.2409,

4.9629.

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

242.3410, 6.2409, 4.9629

Protanopia

241.4220, 6.6940, -0.3701

Deuteranopia

243.1460, 5.3510, 10.3960



Tritanopia

242.3410, 6.2409, 4.9629

Trichromacy



Original Color

242.3410, 6.2409, 4.9629

Protanomaly

241.7320, 6.5411, 1.9890

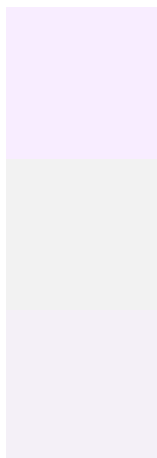
Deuteranomaly

242.8360, 5.5039, 8.0368

Tritanomaly

242.3410, 6.2409, 4.9629

Monochromacy



Original Color

242.3410, 6.2409, 4.9629

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9940, 2.4680, 1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.3410, 6.2409, 4.9629 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(248, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 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(248, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.3410, 6.2409, 4.9629 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(248, 237, 255) }
```


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

```
.border{ border-color:rgb(248, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.3410, 6.2409, 4.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 255) }
```

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

```
.background{ background-color: rgb(248,  
237, 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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