

Converting Colors

YUV(242.8510, 5.9895, -7.7623)

Have a look what the booklet for
YUV(242.8510, 5.9895, -7.7623)
contains.

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Color

**YUV(242.8510, 5.9895,
-7.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF5FF
RGB	234, 245, 255
RGB Percent	92%, 96%, 100%
CMY	0.0824, 0.0392, 0.0000
CMYK	0.08, 0.04, 0.00, 0.00
HSL	209°, 100%, 96%
HSV	209°, 8%, 100%
XYZ	84.6341, 90.0172, 107.5221
YIQ	242.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

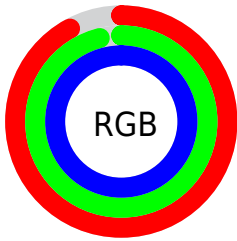
Format	Color
R _Y B	234, 241, 255
Decimal	15398399
CIE _{Lab}	96.00, -1.75, -6.05
CIE _{LCh}	96, 6.300, 253.916
Y _{xy}	90.0172, 0.2999, 0.3190
Android (android.graphics.Color)	4293588479 (0xFFEAF5FF)
Y _{UV}	242.8510, 5.9895, -7.7623
Hunter-Lab	94.8774, -6.8070, -0.7776

Details

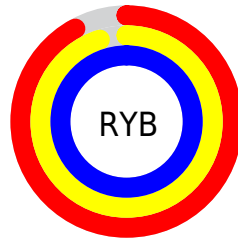
The YUV color `242.8510, 5.9895, -7.7623` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.1490, -5.9895, 7.7623`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.7370, 5.5527, -7.6623` is the 20% darker color. If you saturate the color by 10%, you get `228.3320, 13.1473, -16.9542`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

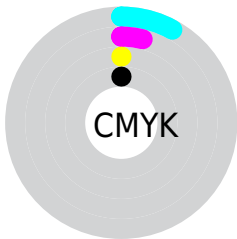
Distribution



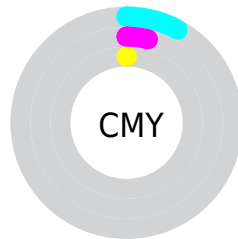
- Red (92%)
- Green (96%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.8510, 5.9895, -7.7623 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 242.8510, 5.9895, -7.7623 by changing the saturation by 10% instead.

■ 242.8510, 5.9895,
-7.7623

■ 242.8510, 5.9895,
-7.7623

255.0000, 0.0000,
0.0000

■ 214.7370, 5.5527,
-7.6623

■ 186.7370, 5.5527,
-7.6623

■ 159.7370, 5.5527,
-7.6623

■ 134.0360, 5.4053,
-7.0476

■ 108.0360, 5.4053,
-7.0476

■ 83.9220, 4.9685,
-6.9476

■ 61.2210, 4.8210,

-6.3328

■ 39.1070, 4.3842,
-6.2328

■ 17.8080, 4.5317,
-6.8476

■ 242.8510, 5.9895,
-7.7623

■ 242.8510, 5.9895,
-7.7623

■ 228.3320, 13.1473,
-16.9542

255.0000, 0.0000,
0.0000

■ 213.5140, 20.4526,
-26.7608

■ 198.6960, 27.7579,
-36.5674

■ 183.5900, 35.2051,
-45.2444

■ 168.7720, 42.5104,
-55.0510

■ 154.2530, 49.6683,
-64.2429

■ 139.7340, 56.8261,
-73.4347

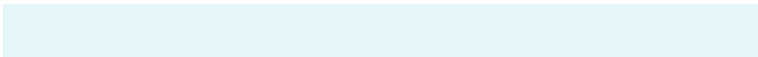
■ 124.9160, 64.1314,
-83.2413

■ 110.3970, 71.2893,
-92.4332

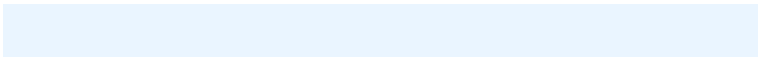
Harmonies

Analogous

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



242.4870, 4.6899, -10.9511



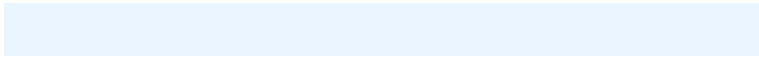
242.8510, 5.9895, -7.7623



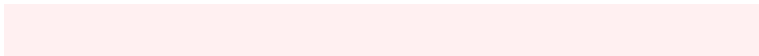
243.7700, 5.5364, -2.4293

Triad

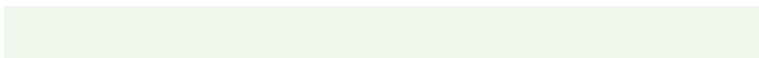
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.8510, 5.9895, -7.7623



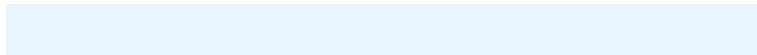
244.5990, -1.7743, 9.1217



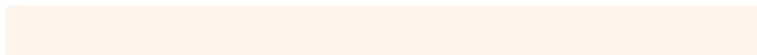
242.6530, -3.7729, -3.2037

Complementary

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



242.8510, 5.9895, -7.7623



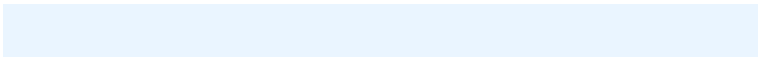
246.1490, -5.9895, 7.7623

Split Complementary

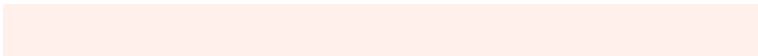
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2300, -5.5364, 2.4293



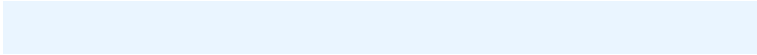
242.8510, 5.9895, -7.7623



243.9150, -4.3951, 9.7215

Square

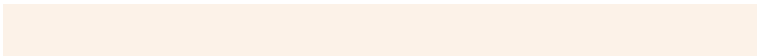
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



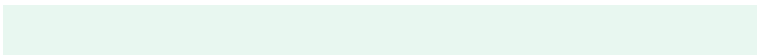
242.8510, 5.9895, -7.7623



244.9840, 0.9939, 7.9070



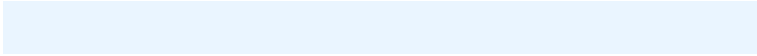
243.8500, -5.8420, 7.1476



241.7170, -0.8465, -8.5218

Rectangle

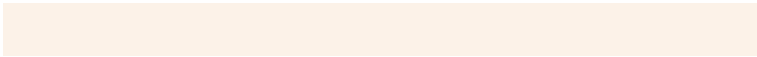
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.8510, 5.9895, -7.7623



244.5640, 4.6519, 1.2594



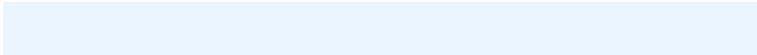
243.8500, -5.8420, 7.1476



242.4360, -4.6519, -1.2594

Sweetspot

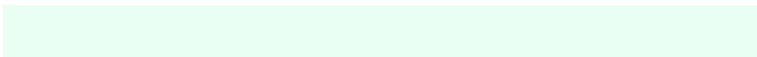
The Sweet Spot groups the original color and five complimentary colors.



242.8510, 5.9895, -7.7623



252.3310, 1.3158, -2.0443



247.4670, -1.7092, -11.8106



125.9290, 1.0210, -0.8147



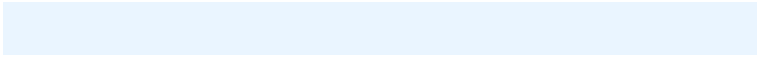
0.0000, 0.0000, 0.0000



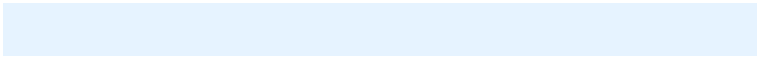
128.0000, 0.0000, 0.0000

Same Dimension

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



242.8510, 5.9895, -7.7623



240.4810, 7.1579, -9.1918



236.9810, 8.8834, -2.6143



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Inverse Universe

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



241.5330, 1.7092, 11.8106



238.9570, 1.9932, 14.0697



252.0190, -8.8834, 2.6143



119.5710, 0.7045, 7.3922



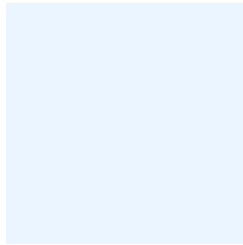
68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 242.8510, 5.9895, -7.7623 looks on a white background.

Color Contrast Check

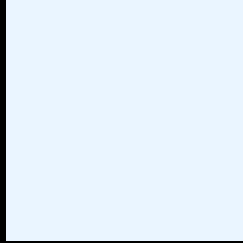
Large Text (above 18pt) WCAG AA × Fail

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 242.8510, 5.9895, -7.7623 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

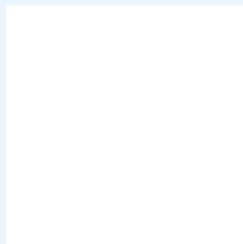
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.8510, 5.9895, -7.7623

Background



This preview shows how black text looks on a background with the YUV color 242.8510, 5.9895, -7.7623.



This preview shows how white text looks on a background with the YUV color 242.8510, 5.9895, -7.7623.

-7.7623.

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

242.8510, 5.9895, -7.7623

Protanopia

244.1510, 4.3626, 0.7446

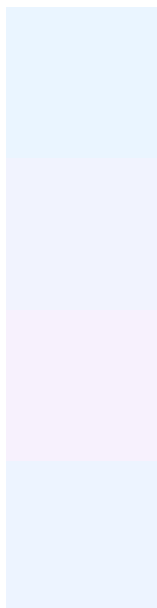
Deuteranopia

245.2660, 3.3199, 8.5367

Tritanopia

243.7590, 5.5418, -4.1736

Trichromacy



Original Color

242.8510, 5.9895, -7.7623

Protanomaly

243.6560, 5.0996, -2.3293

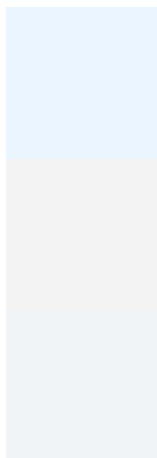
Deuteranomaly

244.1620, 4.3571, 2.4889

Tritanomaly

243.1610, 5.8366, -5.4032

Monochromacy



Original Color

242.8510, 5.9895, -7.7623

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.8510, 5.9895, -7.7623 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(234, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 245, 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(234, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 245, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.8510, 5.9895, -7.7623 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(234, 245, 255) }
```


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

```
.border{ border-color:rgb(234, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.8510, 5.9895, -7.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 245, 255) }
```

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

```
.background{ background-color: rgb(234,  
245, 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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