

Converting Colors

YUV(244.3950, 4.2423, -7.3624)

Have a look what the booklet for
YUV(244.3950, 4.2423, -7.3624)
contains.

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Color

**YUV(244.3950, 4.2423,
-7.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF7FD
RGB	236, 247, 253
RGB Percent	93%, 97%, 99%
CMY	0.0745, 0.0314, 0.0078
CMYK	0.07, 0.02, 0.00, 0.01
HSL	201°, 81%, 96%
HSV	201°, 7%, 99%
XYZ	85.5825, 91.4462, 106.0687
YIQ	244.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

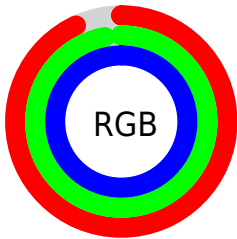
Format	Color
R _Y B	236, 243, 253
Decimal	15529981
CIE Lab	96.59, -2.50, -4.14
CIE LCh	97, 4.830, 238.879
Yxy	91.4462, 0.3023, 0.3230
Android (android.graphics.Color)	4293720061 (0xFFECEF7FD)
YUV	244.3950, 4.2423, -7.3624
Hunter-Lab	95.6275, -7.5985, 1.1756

Details

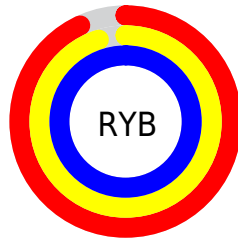
The YUV color `244.3950, 4.2423, -7.3624` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `244.6050, -4.2423, 7.3624`, and the grayscale version is `244.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.2810, 3.8055, -7.2624` is the 20% darker color. If you saturate the color by 10%, you get `231.6370, 10.5320, -18.0986`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

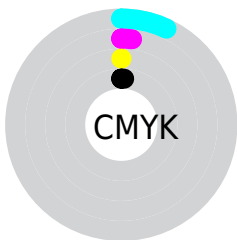
Distribution



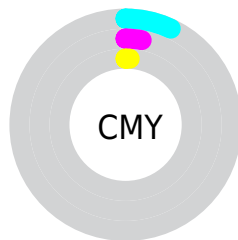
- Red (93%)
- Green (97%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.3950, 4.2423, -7.3624 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 244.3950, 4.2423, -7.3624 by changing the saturation by 10% instead.

244.3950, 4.2423,
-7.3624

244.3950, 4.2423,
-7.3624

255.0000, 0.0000,
0.0000

216.2810, 3.8055,
-7.2624

188.2810, 3.8055,
-7.2624

161.2810, 3.8055,
-7.2624

134.6940, 4.0949,
-6.7476

109.5800, 3.6581,
-6.6477

85.5800, 3.6581,
-6.6477

61.8790, 3.5107,

-6.0329

■ 40.1780, 3.3632,
-5.4181

■ 19.7650, 3.0739,
-5.9329

■ 244.3950, 4.2423,
-7.3624

■ 244.3950, 4.2423,
-7.3624

■ 231.6370, 10.5320,
-18.0986

254.7720, -0.8736,
0.2000

■ 218.5800, 16.9691,
-29.4497

■ 205.8220, 23.2588,
-40.1859

■ 193.0640, 29.5484,
-50.9221

■ 180.3060, 35.8381,
-61.6584

■ 167.2490, 42.2752,
-73.0094

■ 154.4910, 48.5649,
-83.7456

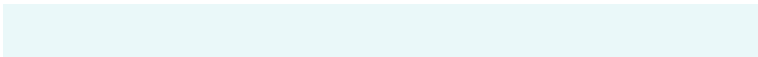
■ 142.3200, 54.5652,
-94.9966

■ 129.2630, 61.0023,
-106.3477

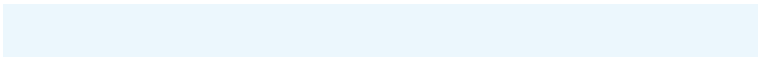
Harmonies

Analogous

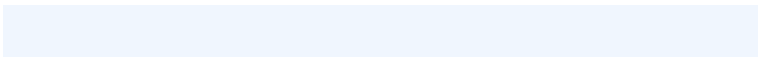
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9280, 2.5005, -8.7069



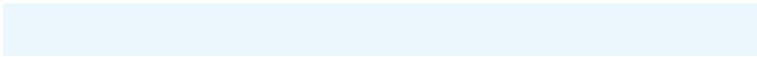
244.3950, 4.2423, -7.3624



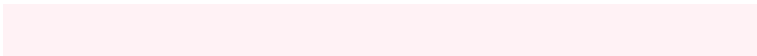
245.1180, 4.3788, -4.4885

Triad

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



244.3950, 4.2423, -7.3624



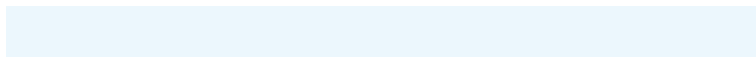
246.2290, -0.6059, 7.6922



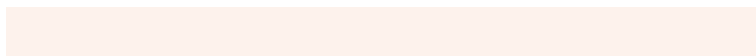
244.3760, -3.6364, -0.3298

Complementary

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



244.3950, 4.2423, -7.3624



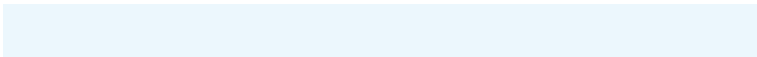
244.6050, -4.2423, 7.3624

Split Complementary

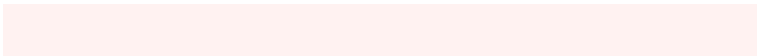
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.4690, -4.6682, 3.9737



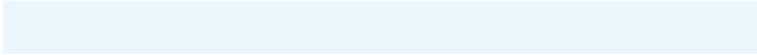
244.3950, 4.2423, -7.3624



245.7730, -2.3531, 8.0921

Square

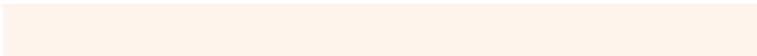
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



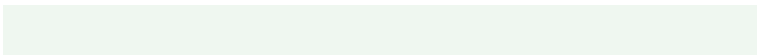
244.3950, 4.2423, -7.3624



246.1900, 1.8783, 4.2184



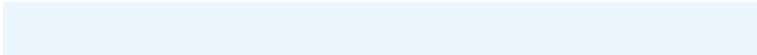
245.6050, -4.2423, 7.3624



243.8100, -1.8783, -4.2184

Rectangle

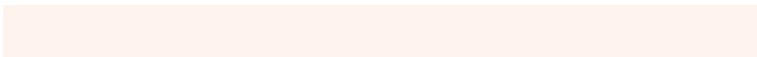
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.3950, 4.2423, -7.3624



245.7270, 4.0786, -1.5146



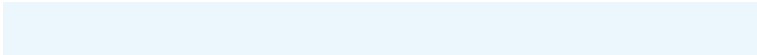
245.6050, -4.2423, 7.3624



244.8600, -4.3680, 0.9998

Sweetspot

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



244.3950, 4.2423, -7.3624



252.3310, 1.3158, -2.0443



246.6630, -2.2989, -9.3515



126.5160, 0.7316, -1.3295



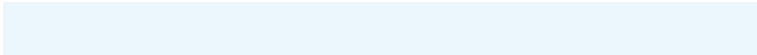
0.0000, 0.0000, 0.0000



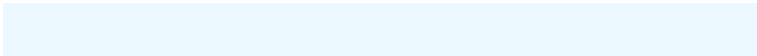
128.0000, 0.0000, 0.0000

Same Dimension

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



244.3950, 4.2423, -7.3624



244.9110, 4.9739, -8.6919



239.6990, 6.5574, -3.2440



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



242.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



249.3010, -6.5574, 3.2440



119.7990, 1.5781, 7.1923



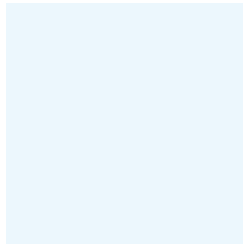
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 244.3950, 4.2423, -7.3624 looks on a white background.

Color Contrast Check

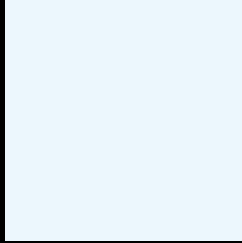
Large Text (above 18pt) WCAG AA × Fail

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 244.3950, 4.2423, -7.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

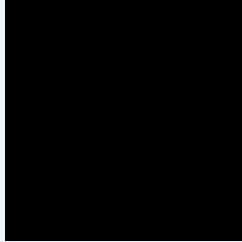
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

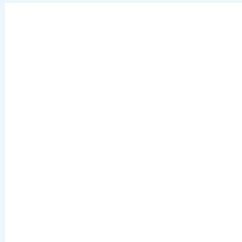
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.3950, 4.2423, -7.3624

Background



This preview shows how black text looks on a background with the YUV color 244.3950, 4.2423, -7.3624.



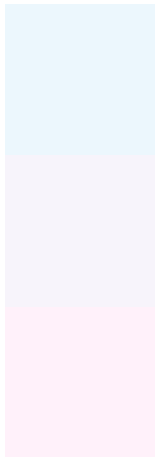
This preview shows how white text looks on a background with the YUV color 244.3950, 4.2423, -7.3624.

-7.3624.

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

244.3950, 4.2423, -7.3624

Protanopia

245.6950, 2.6154, 1.1445

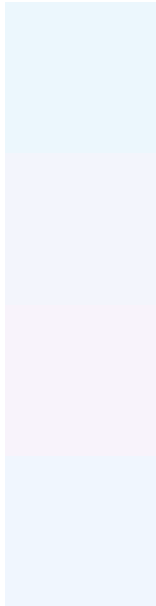
Deuteranopia

246.2120, 1.8675, 7.7071

Tritanopia

245.2430, 4.8102, -2.8441

Trichromacy



Original Color

244.3950, 4.2423, -7.3624

Protanomaly

245.2000, 3.3524, -1.9294

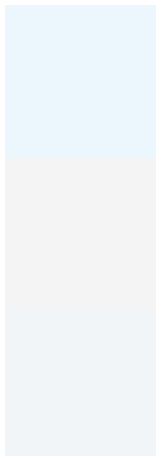
Deuteranomaly

245.4070, 2.7573, 2.2741

Tritanomaly

245.1180, 4.3788, -4.4885

Monochromacy



Original Color

244.3950, 4.2423, -7.3624

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.3950, 4.2423, -7.3624 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(236, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 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(236, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 253) }
```

Border

The CSS property to change the border of an element to YUV 244.3950, 4.2423, -7.3624 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(236, 247, 253) }
```


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

```
.border{ border-color:rgb(236, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 244.3950, 4.2423, -7.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 253) }
```

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

```
.background{ background-color: rgb(236,  
247, 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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