

Converting Colors

YUV(238.7200, 8.0260, -7.6474)

Have a look what the booklet for
YUV(238.7200, 8.0260, -7.6474)
contains.

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Color

**YUV(238.7200, 8.0260,
-7.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F0FF
RGB	230, 240, 255
RGB Percent	90%, 94%, 100%
CMY	0.0980, 0.0588, 0.0000
CMYK	0.10, 0.06, 0.00, 0.00
HSL	216°, 100%, 95%
HSV	216°, 10%, 100%
XYZ	81.8432, 86.3632, 106.9639
YIQ	238.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

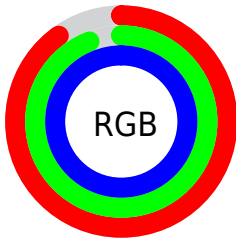
Format	Color
R _{YB}	230, 237, 255
Decimal	15134975
CIE Lab	94.47, -0.47, -8.36
CIE LCh	94, 8.370, 266.787
Yxy	86.3632, 0.2974, 0.3139
Android (android.graphics.Color)	4293325055 (0xFFE6F0FF)
YUV	238.7200, 8.0260, -7.6474
Hunter-Lab	92.9318, -5.4292, -3.1902

Details

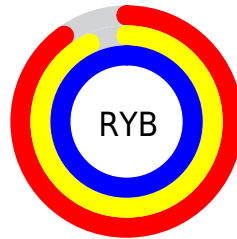
The YUV color $238.7200, 8.0260, -7.6474$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.2800, -8.0260, 7.6474$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.6060, 7.5892, -7.5475$ is the 20% darker color. If you saturate the color by 10%, you get $222.4400, 16.0521, -15.2949$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

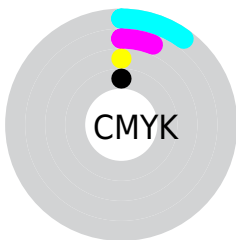
Distribution



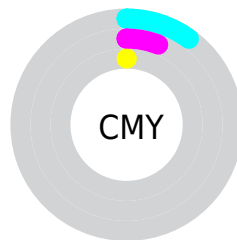
- Red (90%)
- Green (94%)
- Blue (100%)



- Red (90%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7200, 8.0260, -7.6474 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 238.7200, 8.0260, -7.6474 by changing the saturation by 10% instead.

■ 238.7200, 8.0260,
-7.6474

■ 238.7200, 8.0260,
-7.6474

255.0000, 0.0000,
0.0000

■ 210.6060, 7.5892,
-7.5475

■ 182.6060, 7.5892,
-7.5475

■ 155.9050, 7.4418,
-6.9327

■ 129.9050, 7.4418,
-6.9327

■ 104.7910, 7.0050,
-6.8327

■ 80.6770, 6.5682,
-6.7327

■ 57.6770, 6.5682,

-6.7327

■ 35.8620, 5.9840,
-6.0180

■ 13.9650, 6.4263,
-7.8623

■ 238.7200, 8.0260,
-7.6474

■ 238.7200, 8.0260,
-7.6474

■ 222.4400, 16.0521,
-15.2949

255.0000, 0.0000,
0.0000

■ 205.2740, 24.5149,
-23.0423

■ 188.9940, 32.5410,
-30.6897

■ 172.4150, 40.7144,
-38.9520

■ 156.1350, 48.7404,
-46.5994

■ 138.9690, 57.2033,
-54.3468

■ 122.6890, 65.2293,
-61.9943

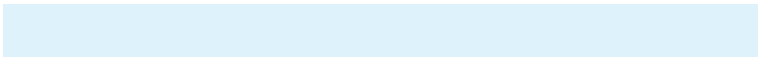
■ 106.1100, 73.4028,
-70.2565

■ 89.2430, 81.7182,
-77.3891

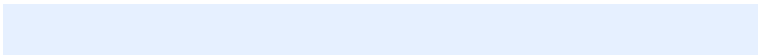
Harmonies

Analogous

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



237.1600, 7.3161, -13.2953



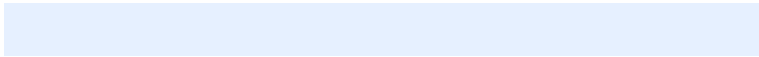
238.7200, 8.0260, -7.6474



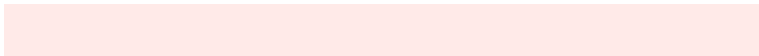
239.7210, 6.5465, 0.2447

Triad

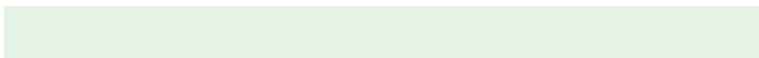
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7200, 8.0260, -7.6474



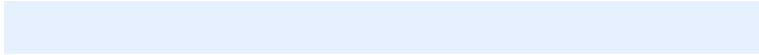
240.0510, -3.9691, 13.1103



237.3320, -3.6147, -7.3072

Complementary

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



238.7200, 8.0260, -7.6474



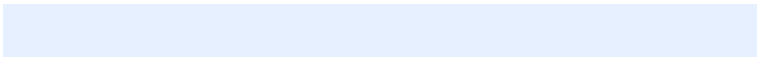
246.2800, -8.0260, 7.6474

Split Complementary

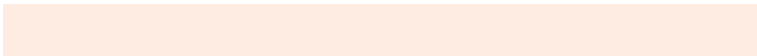
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.2790, -6.5465, -0.2447



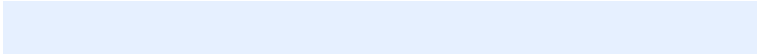
238.7200, 8.0260, -7.6474



240.2420, -7.0213, 12.0658

Square

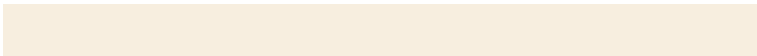
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.7200, 8.0260, -7.6474



240.9630, -0.4748, 12.3104



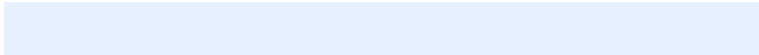
238.9810, -7.8786, 7.0327



236.7380, 0.6222, -12.9252

Rectangle

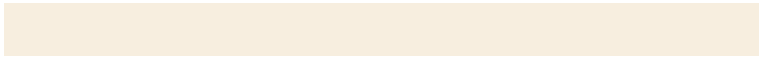
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.7200, 8.0260, -7.6474



240.5860, 4.6411, 4.7481



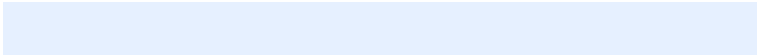
238.9810, -7.8786, 7.0327



237.4140, -4.6411, -4.7481

Sweetspot

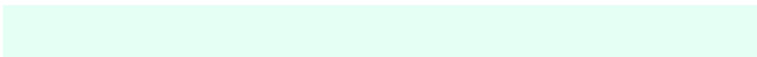
The Sweet Spot groups the original color and five complimentary colors.



238.7200, 8.0260, -7.6474



249.6730, 2.6262, -2.3442



246.3850, -0.6828, -14.3696



123.8580, 2.0420, -1.6295



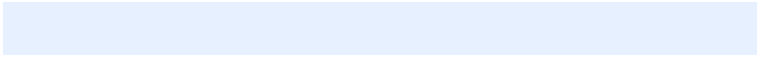
0.0000, 0.0000, 0.0000



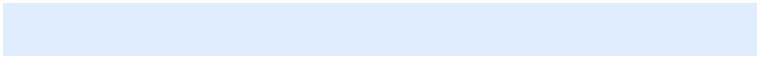
128.0000, 0.0000, 0.0000

Same Dimension

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



238.7200, 8.0260, -7.6474



235.1650, 9.7787, -9.7917



233.7470, 10.4777, -0.6551



119.4170, 4.2314, -3.8737



66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834

Inverse Universe

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



238.6150, 0.6828, 14.3696



234.7510, 1.1088, 17.7584



251.5520, -10.6251, 1.2699



119.4570, 0.2677, 7.4922



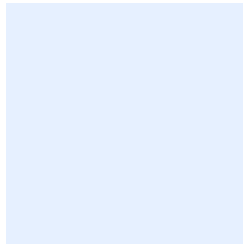
65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 238.7200, 8.0260, -7.6474 looks on a white background.

Color Contrast Check

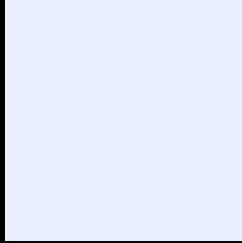
Large Text (above 18pt) WCAG AA × Fail

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 238.7200, 8.0260, -7.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

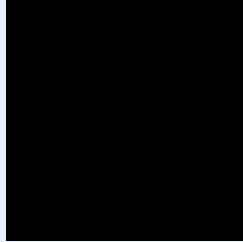
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

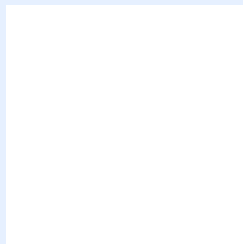
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.7200, 8.0260, -7.6474

Background



This preview shows how black text looks on a background with the YUV color 238.7200, 8.0260, -7.6474.



This preview shows how white text looks on a background with the YUV color 238.7200, 8.0260, -7.6474.

-7.6474.

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

238.7200, 8.0260, -7.6474

Protanopia

239.4220, 6.6940, -0.3701

Deuteranopia

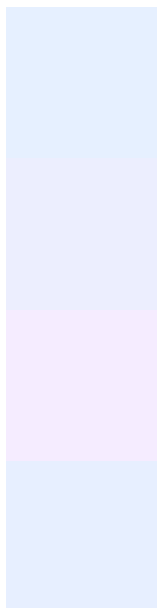
241.4880, 6.6614, 10.0960



Tritanopia

238.7310, 8.0206, -5.9031

Trichromacy



Original Color

238.7200, 8.0260, -7.6474

Protanomaly

239.2260, 7.2836, -2.8292

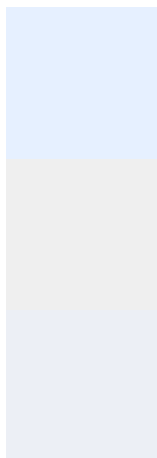
Deuteranomaly

240.8570, 6.9725, 3.6334

Tritanomaly

238.4320, 8.1680, -6.5179

Monochromacy



Original Color

238.7200, 8.0260, -7.6474

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7200, 8.0260, -7.6474 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(230, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 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(230, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 238.7200, 8.0260, -7.6474 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(230, 240, 255) }
```


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

```
.border{ border-color:rgb(230, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 238.7200, 8.0260, -7.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 255) }
```

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

```
.background{ background-color: rgb(230,  
240, 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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