

Converting Colors

YUV(228.7640, 4.5533,
-13.8250)

Have a look what the booklet for
YUV(228.7640, 4.5533, -13.8250)
contains.

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Color

**YUV(228.7640, 4.5533,
-13.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EBEE
RGB	213, 235, 238
RGB Percent	84%, 92%, 93%
CMY	0.1647, 0.0784, 0.0667
CMYK	0.11, 0.01, 0.00, 0.07
HSL	187°, 42%, 88%
HSV	187°, 11%, 93%
XYZ	72.5815, 79.7358, 92.4540
YIQ	228.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

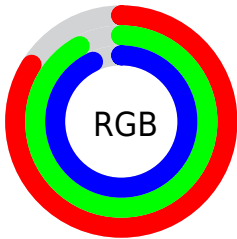
Format	Color
R _Y B	213, 225, 238
Decimal	14019566
CIE Lab	91.57, -6.63, -3.93
CIE LCh	92, 7.707, 210.649
Yxy	79.7358, 0.2965, 0.3258
Android (android.graphics.Color)	4292209646 (0xFFD5EBEE)
YUV	228.7640, 4.5533, -13.8250
Hunter-Lab	89.2949, -11.1761, 1.1189

Details

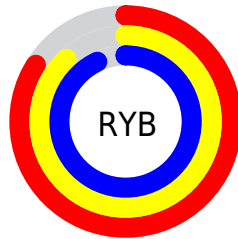
The YUV color $228.7640, 4.5533, -13.8250$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.2360, -4.5533, 13.8250$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.0630, 4.4059, -13.2103$ is the 20% darker color. If you saturate the color by 10%, you get $219.8270, 8.9593, -27.0353$, and if you desaturate by 10%, it is $237.7010, 0.1474, -0.6148$.

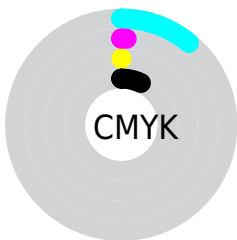
Distribution



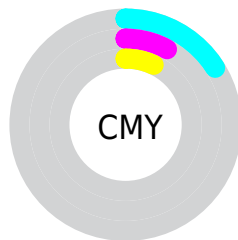
- Red (84%)
- Green (92%)
- Blue (93%)



- Red (84%)
- Yellow (88%)
- Blue (93%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7640, 4.5533, -13.8250 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 228.7640, 4.5533, -13.8250 by changing the saturation by 10% instead.

■ 228.7640, 4.5533,
-13.8250

■ 228.7640, 4.5533,
-13.8250

255.0000, 0.0000,
0.0000

■ 200.7640, 4.5533,
-13.8250

■ 173.0630, 4.4059,
-13.2103

■ 146.9490, 3.9691,
-13.1103

■ 121.2480, 3.8217,
-12.4955

■ 96.2480, 3.8217,
-12.4955

■ 72.5470, 3.6743,
-11.8807

■ 49.8460, 3.5269,

-11.2659

■ 27.9600, 3.9637,
-11.3659

■ 8.0530, 2.9319,
-7.0625

■ 228.7640, 4.5533,
-13.8250

■ 228.7640, 4.5533,
-13.8250

■ 219.8270, 8.9593,
-27.0353

■ 237.7010, 0.1474,
-0.6148

■ 210.8900, 13.3652,
-40.2455

■ 244.8440, -3.3741,
8.9068

■ 202.2520, 17.6238,
-52.8410

■ 246.6050, -4.2423,
7.3624

■ 193.9020, 21.7403,
-66.5661

■ 247.7790, -4.8210,
6.3328

■ 184.9650, 26.1463,
-79.7763

■ 249.5400, -5.6892,
4.7884

■ 176.0280, 30.5522,
-92.9866

■ 251.3010, -6.5574,
3.2440

■ 167.0910, 34.9581,
-106.1968

■ 253.0620, -7.4256,
1.6996

■ 158.4530, 39.2167,
-118.7923

■ 149.8150, 43.4752,
-131.3878

Harmonies

Analogous

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



228.5640, 1.2009, -11.8956



228.7640, 4.5533, -13.8250



229.6440, 6.5845, -11.9658

Triad

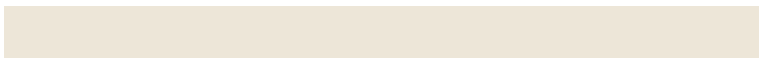
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.7640, 4.5533, -13.8250



232.4400, 2.7411, 7.5071



230.4970, -7.1470, 5.7031

Complementary

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



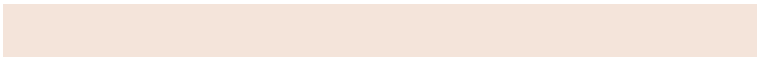
228.7640, 4.5533, -13.8250



222.2360, -4.5533, 13.8250

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.



231.6440, -6.7265, 10.8362



228.7640, 4.5533, -13.8250



232.5500, -0.7642, 11.7956

Square

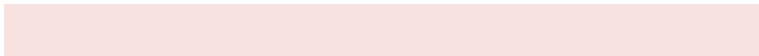
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7640, 4.5533, -13.8250



231.7920, 5.5255, 1.0594



232.0510, -3.9691, 13.1103



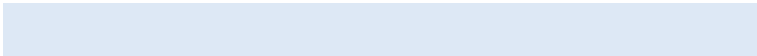
230.0940, -5.9623, -0.9594

Rectangle

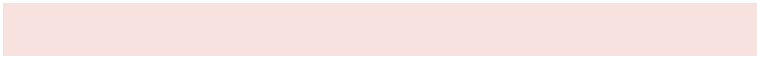
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.7640, 4.5533, -13.8250



230.1930, 7.2999, -8.0623



232.0510, -3.9691, 13.1103



230.8070, -7.2999, 8.0623

Sweetspot

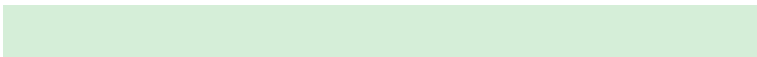
The Sweet Spot groups the original color and five complimentary colors.



228.7640, 4.5533, -13.8250



252.0210, 1.4686, -4.4034



228.0170, -5.9244, -13.1699



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



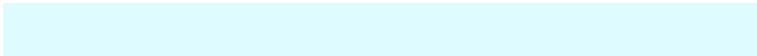
128.0000, 0.0000, 0.0000

Same Dimension

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



228.7640, 4.5533, -13.8250



242.7850, 6.0220, -18.2284



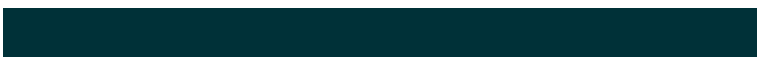
221.7200, 8.0260, -7.6474



115.2380, 2.3477, -6.3477



116.0700, 33.4895, -101.7934



35.1470, 10.2805, -30.8239

Inverse Universe

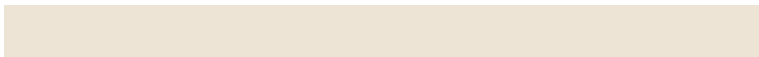
The Inverse Universe completely reimagines the original color for something new.



222.9830, 5.9244, 13.1699



235.1730, 7.8027, 17.3883



229.2800, -8.0260, 7.6474



112.7280, 2.5991, 6.3775



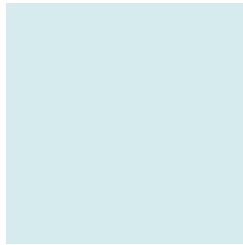
73.4840, 43.6384, 96.9225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 228.7640, 4.5533, -13.8250 looks on a white background.

Color Contrast Check

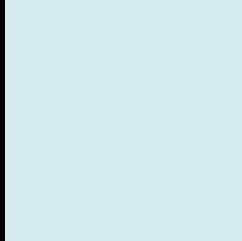
Large Text (above 18pt) WCAG AA × Fail

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 228.7640, 4.5533, -13.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

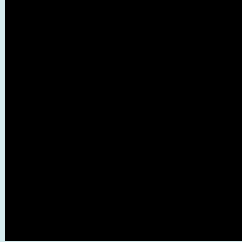
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

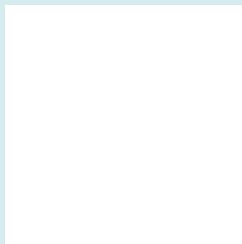
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7640, 4.5533, -13.8250

Background



This preview shows how black text looks on a background with the YUV color 228.7640, 4.5533, -13.8250.



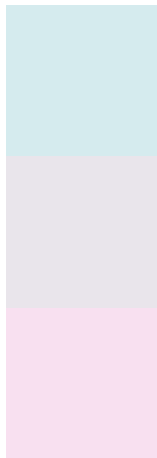
This preview shows how white text looks on a background with the YUV color 228.7640, 4.5533, -13.8250.

-13.8250.

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

228.7640, 4.5533, -13.8250

Protanopia

230.8800, 2.0312, 1.8592

Deuteranopia

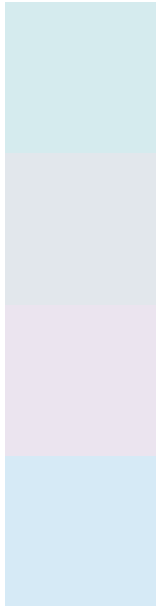
233.0000, 3.4510, 13.1550



Tritanopia

229.6700, 10.5157, -12.8656

Trichromacy



Original Color

228.7640, 4.5533, -13.8250

Protanomaly

230.0750, 2.9210, -3.5738

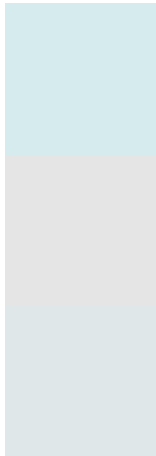
Deuteranomaly

231.3470, 3.7729, 3.2037

Tritanomaly

229.3880, 8.1897, -13.4953

Monochromacy



Original Color

228.7640, 4.5533, -13.8250

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7220, 1.6161, -5.0182

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7640, 4.5533, -13.8250 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(213, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 235, 238)  
}
```

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(213, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 238) }
```

Border

The CSS property to change the border of an element to YUV 228.7640, 4.5533, -13.8250 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(213, 235, 238) }
```


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

```
.border{ border-color:rgb(213, 235, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(213, 235,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 228.7640, 4.5533, -13.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 238) }
```

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

```
.background{ background-color: rgb(213,  
235, 238) }
```

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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