

Converting Colors

YUV(232.4050, 5.7163,
-13.5102)

Have a look what the booklet for
YUV(232.4050, 5.7163, -13.5102)
contains.

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Color

**YUV(232.4050, 5.7163,
-13.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EEF4
RGB	217, 238, 244
RGB Percent	85%, 93%, 96%
CMY	0.1490, 0.0667, 0.0431
CMYK	0.11, 0.02, 0.00, 0.04
HSL	193°, 55%, 90%
HSV	193°, 11%, 96%
XYZ	75.5189, 82.4324, 97.5187
YIQ	232.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

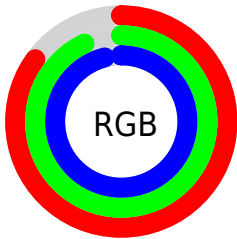
Format	Color
R _Y B	217, 229, 244
Decimal	14282484
CIE Lab	92.77, -5.72, -5.26
CIE LCh	93, 7.766, 222.615
Yxy	82.4324, 0.2956, 0.3227
Android (android.graphics.Color)	4292472564 (0xFFD9EEF4)
YUV	232.4050, 5.7163, -13.5102
Hunter-Lab	90.7923, -10.4144, -0.1279

Details

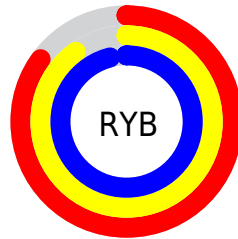
The YUV color $232.4050, 5.7163, -13.5102$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.5950, -5.7163, 13.5102$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.7040, 5.5689, -12.8954$ is the 20% darker color. If you saturate the color by 10%, you get $222.2940, 10.7011, -25.6908$, and if you desaturate by 10%, it is $242.5160, 0.7316, -1.3295$.

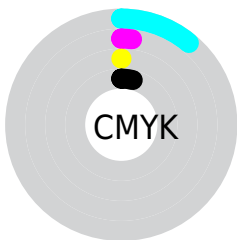
Distribution



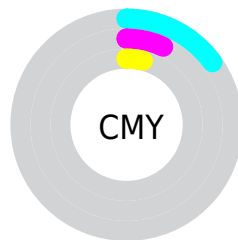
- Red (85%)
- Green (93%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.4050, 5.7163, -13.5102 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 232.4050, 5.7163, -13.5102 by changing the saturation by 10% instead.

■ 232.4050, 5.7163,
-13.5102

■ 232.4050, 5.7163,
-13.5102

255.0000, 0.0000,
0.0000

■ 204.4050, 5.7163,
-13.5102

■ 176.7040, 5.5689,
-12.8954

■ 150.0030, 5.4215,
-12.2806

■ 124.0030, 5.4215,
-12.2806

■ 98.8890, 4.9847,
-12.1807

■ 75.1880, 4.8373,
-11.5659

■ 52.4870, 4.6899,

-10.9511

■ 31.0740, 4.4005,
-11.4659

■ 10.4980, 4.6845,
-9.2067

■ 232.4050, 5.7163,
-13.5102

■ 232.4050, 5.7163,
-13.5102

■ 222.2940, 10.7011,
-25.6908

■ 242.5160, 0.7316,
-1.3295

■ 211.2970, 16.1226,
-37.9715

■ 250.2240, -3.0684,
4.1886

■ 201.1860, 21.1073,
-50.1521

■ 253.1590, -4.5154,
1.6146

■ 190.1890, 26.5288,
-62.4328

■ 253.7460, -4.8048,
1.0998

■ 180.0780, 31.5135,
-74.6134

■ 169.3800, 36.7877,
-86.2793

■ 158.9700, 41.9198,
-99.0747

■ 148.8590, 46.9045,
-111.2553

■ 139.3460, 51.5944,
-122.2064

Harmonies

Analogous

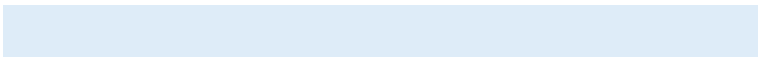
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.1940, 2.3694, -13.3251



232.4050, 5.7163, -13.5102



233.1820, 7.3053, -9.8066

Triad

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



232.4050, 5.7163, -13.5102



236.1090, 1.4253, 9.5514



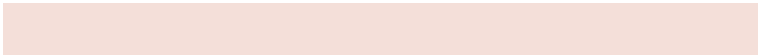
233.8880, -6.8468, 2.7292

Complementary

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



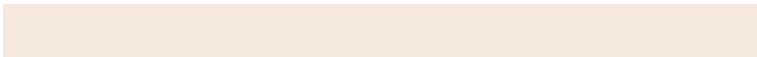
232.4050, 5.7163, -13.5102



228.5950, -5.7163, 13.5102

Split Complementary

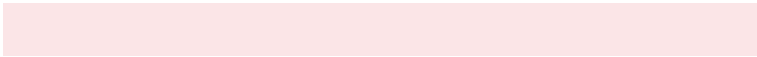
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.5190, -7.1579, 9.1918



232.4050, 5.7163, -13.5102



235.8060, -2.3694, 13.3251

Square

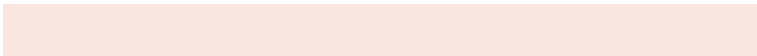
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



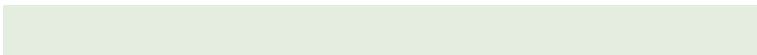
232.4050, 5.7163, -13.5102



235.2870, 4.7885, 4.1333



235.2960, -5.5689, 12.8954



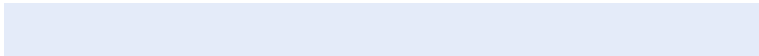
232.7130, -4.7885, -4.1333

Rectangle

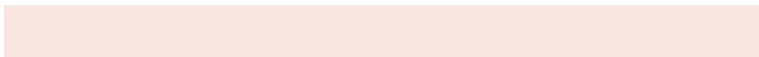
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



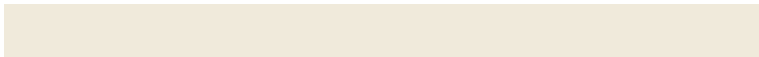
232.4050, 5.7163, -13.5102



234.5030, 7.1470, -5.7031



235.2960, -5.5689, 12.8954



234.0840, -7.4364, 5.1883

Sweetspot

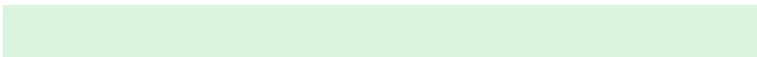
The Sweet Spot groups the original color and five complimentary colors.



232.4050, 5.7163, -13.5102



251.4340, 1.7580, -3.8886



233.5330, -5.1928, -14.4994



125.0320, 1.4632, -2.6591



0.0000, 0.0000, 0.0000



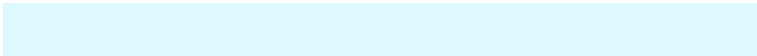
128.0000, 0.0000, 0.0000

Same Dimension

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



232.4050, 5.7163, -13.5102



241.0240, 6.8902, -16.6840



224.7740, 9.4784, -6.8178



117.2380, 2.3477, -6.3477



106.3190, 39.2827, -93.2418



33.7280, 12.4591, -29.5795

Inverse Universe

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



227.4670, 5.1928, 14.4994



234.8310, 6.4923, 17.6882



236.2260, -9.4784, 6.8178



114.7280, 2.5991, 6.3775



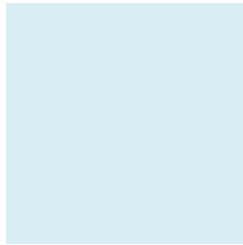
72.1440, 35.9180, 99.8517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 232.4050, 5.7163, -13.5102 looks on a white background.

Color Contrast Check

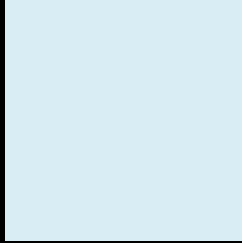
Large Text (above 18pt) WCAG AA × Fail

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 232.4050, 5.7163, -13.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

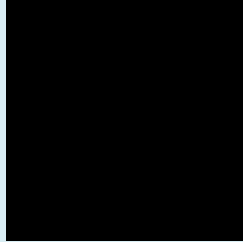
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

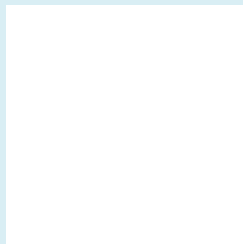
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.4050, 5.7163, -13.5102

Background



This preview shows how black text looks on a background with the YUV color 232.4050, 5.7163, -13.5102.



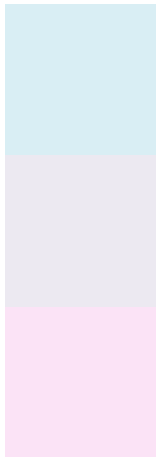
This preview shows how white text looks on a background with the YUV color 232.4050, 5.7163, -13.5102.

-13.5102.

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

232.4050, 5.7163, -13.5102

Protanopia

234.8090, 3.0522, 1.0445

Deuteranopia

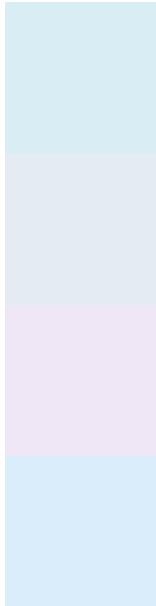
236.3420, 4.7614, 12.8551



Tritanopia

233.0830, 10.8051, -12.3508

Trichromacy



Original Color

232.4050, 5.7163, -13.5102

Protanomaly

234.0040, 3.9420, -4.3885

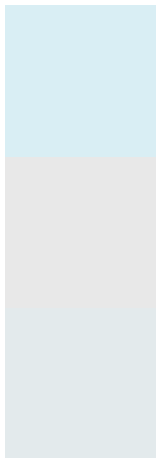
Deuteranomaly

234.9880, 4.9359, 3.5185

Tritanomaly

232.9150, 8.9159, -13.0805

Monochromacy



Original Color

232.4050, 5.7163, -13.5102

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.4050, 5.7163, -13.5102 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(217, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 238, 244)  
}
```

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(217, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 238, 244) }
```

Border

The CSS property to change the border of an element to YUV 232.4050, 5.7163, -13.5102 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(217, 238, 244) }
```


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

```
.border{ border-color:rgb(217, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 238,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 232.4050, 5.7163, -13.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 238, 244) }
```

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

```
.background{ background-color: rgb(217,  
238, 244) }
```

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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