

Converting Colors

YUV(232.2050, 5.8149, 1.5742)

Have a look what the booklet for
YUV(232.2050, 5.8149, 1.5742)
contains.

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Color

**YUV(232.2050, 5.8149,
1.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5F4
RGB	234, 229, 244
RGB Percent	92%, 90%, 96%
CMY	0.0824, 0.1020, 0.0431
CMYK	0.04, 0.06, 0.00, 0.04
HSL	260°, 41%, 93%
HSV	260°, 6%, 96%
XYZ	78.2801, 80.0627, 96.9158
YIQ	232.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

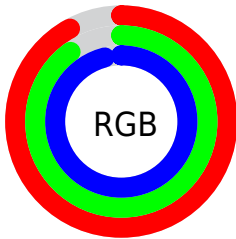
Format	Color
R _Y B	234, 229, 244
Decimal	15394292
CIE Lab	91.71, 4.40, -6.67
CIE LCh	92, 7.993, 303.380
Yxy	80.0627, 0.3067, 0.3137
Android (android.graphics.Color)	4293584372 (0xFFEAE5F4)
YUV	232.2050, 5.8149, 1.5742
Hunter-Lab	89.4778, -0.4243, -1.5842

Details

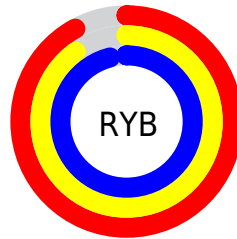
The YUV color `232.2050, 5.8149, 1.5742` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240.7950, -5.8149, -1.5742`, and the grayscale version is `232.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `176.7920, 5.5255, 1.0594` is the 20% darker color. If you saturate the color by 10%, you get `213.3330, 15.1188, 4.0930`, and if you desaturate by 10%, it is `251.0770, -3.4890, -0.9445`.

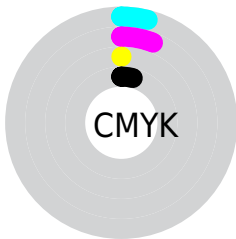
Distribution



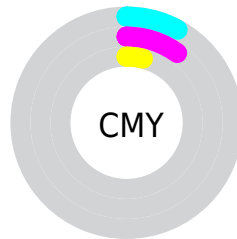
- Red (92%)
- Green (90%)
- Blue (96%)



- Red (92%)
- Yellow (90%)
- Blue (96%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2050, 5.8149, 1.5742 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 232.2050, 5.8149, 1.5742 by changing the saturation by 10% instead.

■ 232.2050, 5.8149,
1.5742

■ 232.2050, 5.8149,
1.5742

255.0000, 0.0000,
0.0000

■ 204.2050, 5.8149,
1.5742

■ 176.7920, 5.5255,
1.0594

■ 150.0910, 5.3781,
1.6742

■ 124.0910, 5.3781,
1.6742

■ 98.9770, 4.9413,
1.7742

■ 75.5640, 4.6519,
1.2594

■ 52.5640, 4.6519,

1.2594

■ 31.4500, 4.2151,
1.3593

■ 7.0310, 6.3937,
2.6038

■ 232.2050, 5.8149,
1.5742

■ 232.2050, 5.8149,
1.5742

■ 213.3330, 15.1188,
4.0930

■ 251.0770, -3.4890,
-0.9445

■ 193.5750, 24.8595,
6.5117

■ 253.7460, -4.8048,
1.0998

■ 174.7030, 34.1634,
9.0305

■ 155.2440, 43.7567,
12.0640

■ 136.3720, 53.0606,
14.5828

■ 117.2010, 62.5119,
16.4867

■ 97.7420, 72.1052,
19.5203

■ 78.8700, 81.4091,
22.0390

■ 59.4110, 91.0024,
25.0726

Harmonies

Analogous

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



231.5030, 7.1470, -5.7031



232.2050, 5.8149, 1.5742



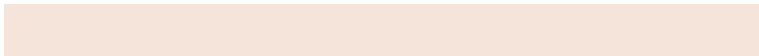
232.7390, 2.5937, 8.1219

Triad

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



232.2050, 5.8149, 1.5742



231.6440, -6.7265, 10.8362



228.9660, 1.4958, -13.1252

Complementary

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



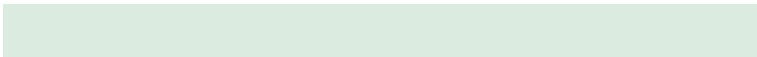
232.2050, 5.8149, 1.5742



240.7950, -5.8149, -1.5742

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.



229.2610, -2.5937, -8.1219



232.2050, 5.8149, 1.5742



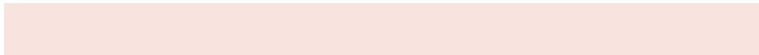
231.0840, -7.4364, 5.1883

Square

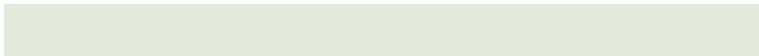
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.2050, 5.8149, 1.5742



232.8230, -4.8427, 13.3102



229.7950, -5.8149, -1.5742



228.8780, 4.9901, -13.9250

Rectangle

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



232.2050, 5.8149, 1.5742



232.7780, 0.1094, 11.5957



229.7950, -5.8149, -1.5742



228.9230, 0.0380, -12.2105

Sweetspot

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



232.2050, 5.8149, 1.5742



251.1680, 1.8892, 0.7297



236.5800, 3.6581, -6.6477



125.6410, 1.1630, 0.3148



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.



232.2050, 5.8149, 1.5742



240.8460, 6.9779, 1.8891



234.2980, 4.7831, 5.8777



114.9230, 3.4890, 0.9445



39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Inverse Universe

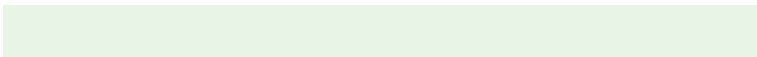
The Inverse Universe completely reimagines the original color for something new.



234.6250, 2.1569, 8.2219



243.7500, 2.5883, 9.8663



238.7020, -4.7831, -5.8777



116.3750, 1.2941, 4.9331



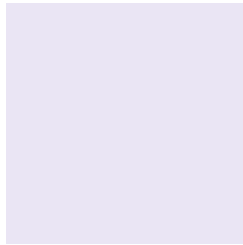
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 232.2050, 5.8149, 1.5742 looks on a white background.

Color Contrast Check

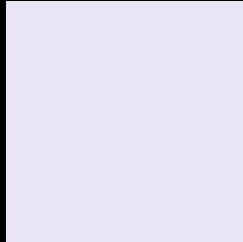
Large Text (above 18pt) WCAG AA × Fail

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 232.2050, 5.8149, 1.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

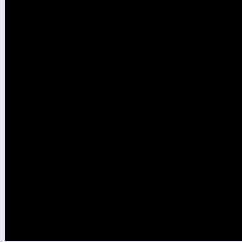
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.2050, 5.8149, 1.5742

Background



This preview shows how black text looks on a background with the YUV color 232.2050, 5.8149, 1.5742.



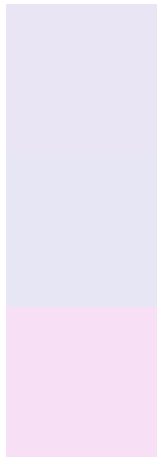
This preview shows how white text looks on a background with the YUV color 232.2050, 5.8149,

1.5742.

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

232.2050, 5.8149, 1.5742

Protanopia

231.8950, 5.9678, -0.7849

Deuteranopia

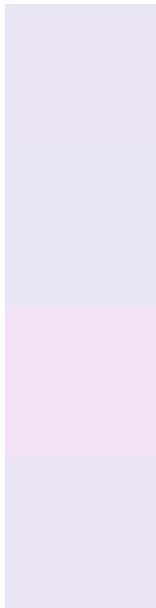
233.2710, 5.7824, 12.0403



Tritanopia

232.5470, 7.1253, 1.2743

Trichromacy



Original Color

232.2050, 5.8149, 1.5742

Protanomaly

232.1940, 5.8204, -0.1701

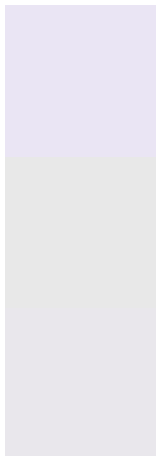
Deuteranomaly

232.9500, 5.9406, 7.9368

Tritanomaly

232.4330, 6.6885, 1.3743

Monochromacy



Original Color

232.2050, 5.8149, 1.5742

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2050, 5.8149, 1.5742 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, 229, 244)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 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(234, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 244) }
```

Border

The CSS property to change the border of an element to YUV 232.2050, 5.8149, 1.5742 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, 229, 244) }
```


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

```
.border{ border-color:rgb(234, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 232.2050, 5.8149, 1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 244) }
```

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

```
.background{ background-color: rgb(234,  
229, 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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