

Converting Colors

YUV(234.2140, -24.7555,
6.8283)

Have a look what the booklet for
YUV(234.2140, -24.7555, 6.8283)
contains.

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Color

**YUV(234.2140, -24.7555,
6.8283)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0B8
RGB	242, 240, 184
RGB Percent	95%, 94%, 72%
CMY	0.0510, 0.0588, 0.2784
CMYK	0.00, 0.01, 0.24, 0.05
HSL	58°, 69%, 84%
HSV	58°, 24%, 95%
XYZ	76.4298, 84.6581, 57.6598
YIQ	234.2140, 19.1680, -16.9920

Conversions

Conversions Part 2

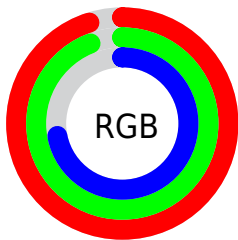
Format	Color
R _Y B	186, 242, 184
Decimal	15921336
CIE Lab	93.74, -8.04, 27.39
CIE LCh	94, 28.547, 106.364
Yxy	84.6581, 0.3494, 0.3870
Android (android.graphics.Color)	4294111416 (0xFF2F0B8)
YUV	234.2140, -24.7555, 6.8283
Hunter-Lab	92.0098, -12.7427, 27.2517

Details

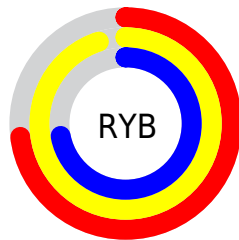
The YUV color $234.2140, -24.7555, 6.8283$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $191.7860, 24.7555, -6.8283$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2900, -6.5520, 1.4997$, and $178.2570, -23.2977, 5.9136$ is the 20% darker color. If you saturate the color by 10%, you get $230.8910, -34.9493, 9.7426$, and if you desaturate by 10%, it is $237.5370, -14.5617, 3.9141$.

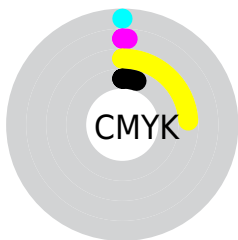
Distribution



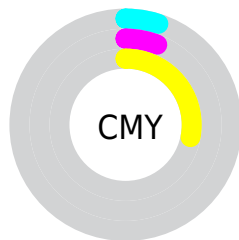
- Red (95%)
- Green (94%)
- Blue (72%)



- Red (73%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.2140, -24.7555, 6.8283 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 234.2140, -24.7555, 6.8283 by changing the saturation by 10% instead.

■ 234.2140,
-24.7555, 6.8283

■ 234.2140,
-24.7555, 6.8283

■ 255.0000, 0.0000,
0.0000

■ 206.0290,
-24.1713, 6.1136

■ 253.2900, -6.5520,
1.4997

■ 178.2570,
-23.2977, 5.9136

■ 151.3710,
-22.8609, 5.8136

■ 125.3000,
-21.8399, 4.9989

■ 100.4140,
-21.4031, 4.8989

■ 76.2290, -20.8189,
4.1842

■ 53.0440, -20.2347,

3.4694

■ 32.1840, -15.8667,
2.4696

■ 10.5660, -5.2090,
-9.2664

■ 234.2140,
-24.7555, 6.8283

■ 234.2140,
-24.7555, 6.8283

■ 230.8910,
-34.9493, 9.7426

■ 237.5370,
-14.5617, 3.9141

■ 227.5680,
-45.1430, 12.6569

■ 240.8600, -4.3680,
0.9998

■ 224.1310,
-55.7736, 15.6711

■ 244.0690, 5.3890,
-1.8145

■ 221.3950,
-66.2567, 18.0706

■ 244.6560, 5.0996,
-2.3293

■ 218.0720,
-76.4505, 20.9849

■ 245.2430, 4.8102,
-2.8441

■ 214.7490,
-86.6443, 23.8991

■ 245.8300, 4.5208,
-3.3589

■ 211.4260,
-96.8380, 26.8134

■ 246.4170, 4.2314,
-3.8737

■ 209.7160,
-103.3900, 28.3131

■ 247.0040, 3.9420,
-4.3885

Harmonies

Analogous

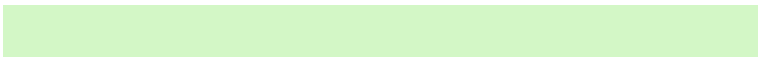
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.8180, -24.0673, 19.4536



234.2140, -24.7555, 6.8283



230.6500, -16.0965, -17.2331

Triad

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



234.2140, -24.7555, 6.8283



224.5570, 15.0084, -53.9855



233.4120, 8.6709, 18.9327

Complementary

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



234.2140, -24.7555, 6.8283



191.7860, 24.7555, -6.8283

Split Complementary

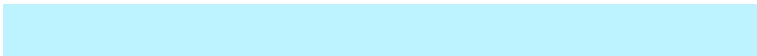
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



234.2140, -24.7555, 6.8283



227.9230, 13.3490, -35.0125

Square

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



234.2140, -24.7555, 6.8283



225.2640, 12.6878, -56.3595



233.7030, 10.4994, -7.6325



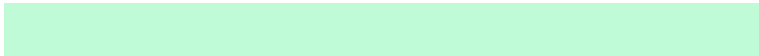
229.6330, -3.2701, 22.2469

Rectangle

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



234.2140, -24.7555, 6.8283



228.5430, -7.1697, -33.8022



233.7030, 10.4994, -7.6325



234.4550, 10.1287, 18.0180

Sweetspot

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



234.2140, -24.7555, 6.8283



252.3610, -7.5730, 2.3144



201.6840, -7.2392, 35.3571



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

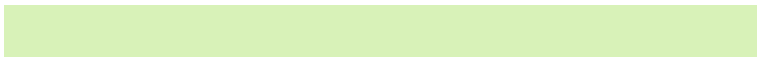
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.2140, -24.7555, 6.8283



244.8030, -31.4549, 8.9428



227.6140, -21.5017, -10.1855



118.0450, -4.9522, 1.7145



158.9150, -78.3451, 21.9995



48.4420, -23.8819, 6.6284

Inverse Universe

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



191.7860, 24.7555, -6.8283



191.1970, 31.4549, -8.9428



198.3860, 21.5017, 10.1855



109.3680, 5.2416, -1.1997



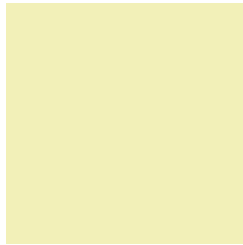
24.4980, 78.6345, -21.4847



7.5580, 23.8819, -6.6284

Previews

White Background



This preview shows how the YUV color 234.2140, -24.7555, 6.8283 looks on a white background.

Color Contrast Check

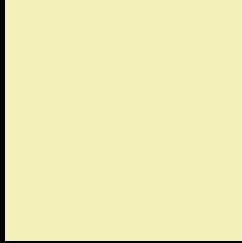
Large Text (above 18pt) WCAG AA × Fail

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 234.2140, -24.7555, 6.8283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

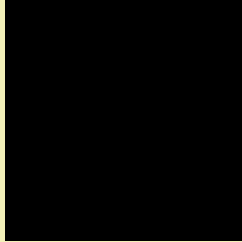
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

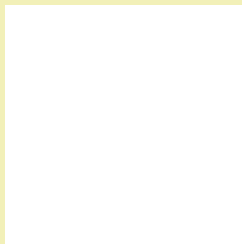
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.2140, -24.7555, 6.8283

Background



This preview shows how black text looks on a background with the YUV color 234.2140, -24.7555, 6.8283.

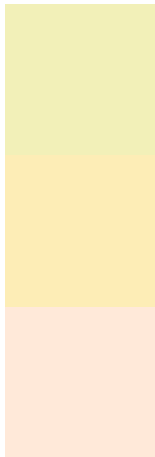


This preview shows how white text looks on a background with the YUV color 234.2140, -24.7555, 6.8283.

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

234.2140, -24.7555, 6.8283

Protanopia

235.5140, -26.3824, 15.3352

Deuteranopia

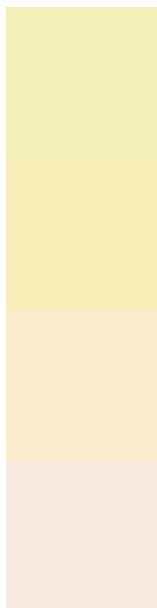
237.7540, -10.2317, 15.1247



Tritanopia

238.7330, 5.0616, 9.8812

Trichromacy



Original Color

234.2140, -24.7555, 6.8283

Protanomaly

235.0190, -25.6454, 12.2613

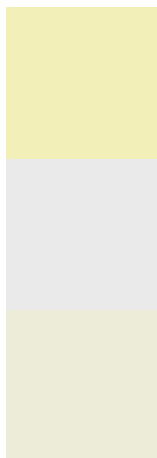
Deuteranomaly

236.6520, -15.6044, 11.7062

Tritanomaly

236.8610, -5.8475, 8.8919

Monochromacy



Original Color

234.2140, -24.7555, 6.8283

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0190, -8.8834, 2.6143

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.2140, -24.7555, 6.8283 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(242, 240, 184)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 184)  
}
```

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(242, 240, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 184) }
```

Border

The CSS property to change the border of an element to YUV 234.2140, -24.7555, 6.8283 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(242, 240, 184) }
```


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

```
.border{ border-color:rgb(242, 240, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 240, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 240, 184); box-shadow:4px 4px 4px 4px rgb(242, 240, 184) }
```

Background

The CSS property to change the background color of an element to YUV 234.2140, -24.7555, 6.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 184) }
```

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

```
.background{ background-color: rgb(242,  
240, 184) }
```

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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