

Converting Colors

YUV(231.9400, -2.4354,
-12.2254)

Have a look what the booklet for
YUV(231.9400, -2.4354, -12.2254)
contains.

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Color

**YUV(231.9400, -2.4354,
-12.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0E3
RGB	218, 240, 227
RGB Percent	85%, 94%, 89%
CMY	0.1451, 0.0588, 0.1098
CMYK	0.09, 0.00, 0.05, 0.06
HSL	145°, 42%, 90%
HSV	145°, 9%, 94%
XYZ	73.9387, 82.7717, 84.7526
YIQ	231.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

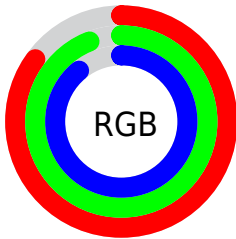
Format	Color
R _Y B	218, 234, 240
Decimal	14348515
CIE Lab	92.91, -9.61, 3.81
CIE LCh	93, 10.337, 158.387
Yxy	82.7717, 0.3062, 0.3428
Android (android.graphics.Color)	4292538595 (0xFFDAF0E3)
YUV	231.9400, -2.4354, -12.2254
Hunter-Lab	90.9789, -14.1460, 8.4529

Details

The YUV color $231.9400, -2.4354, -12.2254$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.0600, 2.4354, 12.2254$, 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 $176.3530, -2.1460, -11.7106$ is the 20% darker color. If you saturate the color by 10%, you get $223.1680, -5.0128, -25.5803$, and if you desaturate by 10%, it is $240.7120, 0.1420, 1.1296$.

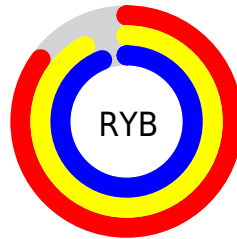
Distribution



Red (85%)

Green (94%)

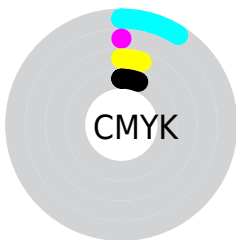
Blue (89%)



Red (85%)

Yellow (92%)

Blue (94%)

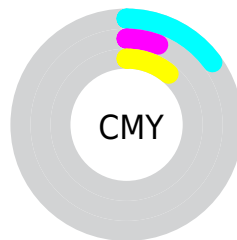


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.9400, -2.4354, -12.2254 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 231.9400, -2.4354, -12.2254 by changing the saturation by 10% instead.

■ 231.9400, -2.4354,
-12.2254

■ 231.9400, -2.4354,
-12.2254

255.0000, 0.0000,
0.0000

■ 203.9400, -2.4354,
-12.2254

■ 176.3530, -2.1460,
-11.7106

■ 149.6520, -2.2934,
-11.0958

■ 123.6520, -2.2934,
-11.0958

■ 99.0650, -2.0040,
-10.5810

■ 75.0650, -2.0040,
-10.5810

■ 52.4780, -1.7147,

-10.0662

■ 30.8910, -1.4253,
-9.5514

■ 9.5060, -4.1935,
-8.3368

■ 231.9400, -2.4354,
-12.2254

■ 231.9400, -2.4354,
-12.2254

■ 223.1680, -5.0128,
-25.5803

■ 240.7120, 0.1420,
1.1296

■ 214.3960, -7.5902,
-38.9353

■ 246.1950, 4.3409,
7.7220

■ 205.5100,
-10.6044, -52.1903

■ 196.7380,
-13.1818, -65.5452

■ 187.9660,
-15.7592, -78.9002

■ 179.1940,
-18.3366, -92.2551

■ 170.4220,
-20.9140, -105.6101

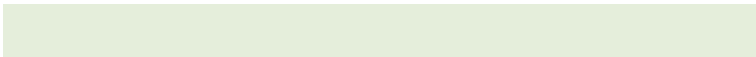
■ 161.6500,
-23.4915, -118.9651

■ 152.7640,
-26.5057, -132.2200

Harmonies

Analogous

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



233.1430, -6.9725, -3.6334



231.9400, -2.4354, -12.2254



231.5740, 2.6750, -18.0434

Triad

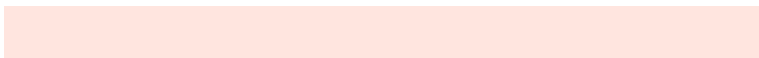
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9400, -2.4354, -12.2254



235.0730, 9.3310, -6.2030



236.0900, -6.4534, 16.5841

Complementary

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



231.9400, -2.4354, -12.2254



226.0600, 2.4354, 12.2254

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.



236.5290, -2.2328, 16.1991



231.9400, -2.4354, -12.2254



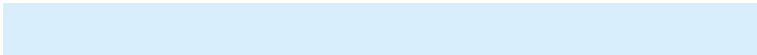
235.8570, 6.9725, 3.6334

Square

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



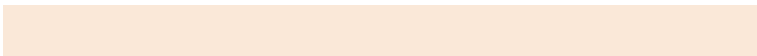
231.9400, -2.4354, -12.2254



233.4310, 9.6475, -14.4100



236.7610, 2.5828, 11.6106



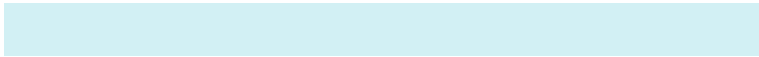
235.5580, -9.6421, 12.6656

Rectangle

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



231.9400, -2.4354, -12.2254



231.4860, 6.1694, -18.8432



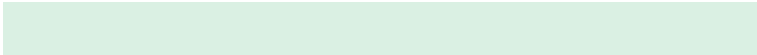
236.7610, 2.5828, 11.6106



236.4320, -5.1430, 16.2841

Sweetspot

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



231.9400, -2.4354, -12.2254



252.0380, -1.0047, -4.4183



234.8010, -8.2829, -3.3335



125.7500, -0.8628, -3.2887



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.



231.9400, -2.4354, -12.2254



244.6900, -3.2982, -15.5141



233.1940, 2.3694, -13.3251



115.6140, -1.2887, -6.6775



116.5580, -20.4881, -102.2214



35.4940, -6.1595, -31.1282

Inverse Universe

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



226.0600, 2.4354, 12.2254



237.3100, 3.2982, 15.5141



224.8060, -2.3694, 13.3251



112.3860, 1.2887, 6.6775



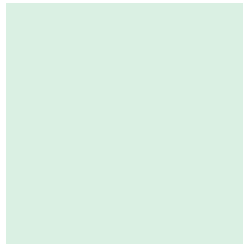
67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 231.9400, -2.4354, -12.2254 looks on a white background.

Color Contrast Check

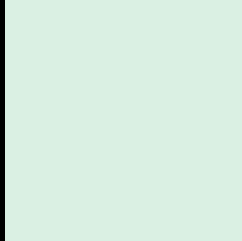
Large Text (above 18pt) WCAG AA × Fail

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 231.9400, -2.4354, -12.2254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

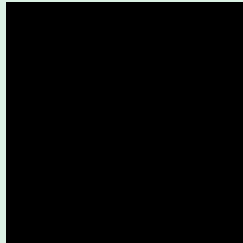
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

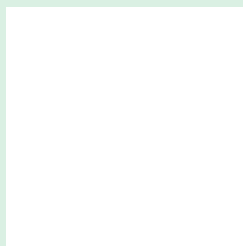
Any Text WCAG AAA ✓ Pass

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

YUV 231.9400, -2.4354, -12.2254 Background



This preview shows how black text looks on a background with the YUV color 231.9400, -2.4354, -12.2254.



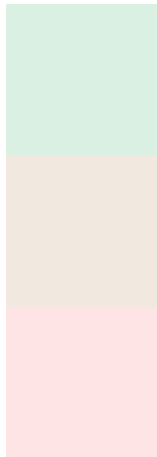
This preview shows how white text looks on a background with the YUV color 231.9400, -2.4354,

-12.2254.

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

231.9400, -2.4354, -12.2254

Protanopia

234.2520, -5.5472, 5.9180

Deuteranopia

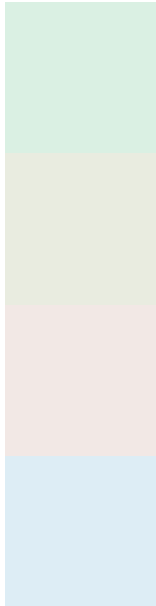
236.3010, -3.1064, 16.3990



Tritanopia

234.2790, 10.2155, -9.8917

Trichromacy



Original Color

231.9400, -2.4354, -12.2254

Protanomaly

233.7350, -4.7994, -0.6446

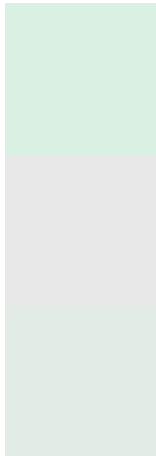
Deuteranomaly

234.6480, -2.7845, 6.4477

Tritanomaly

233.1280, 5.8529, -10.6363

Monochromacy



Original Color

231.9400, -2.4354, -12.2254

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.9400, -2.4354, -12.2254 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(218, 240, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 227)  
}
```

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(218, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 227) }
```

Border

The CSS property to change the border of an element to YUV 231.9400, -2.4354, -12.2254 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(218, 240, 227) }
```


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

```
.border{ border-color:rgb(218, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 231.9400, -2.4354, -12.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 227) }
```

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

```
.background{ background-color: rgb(218,  
240, 227) }
```

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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