

Converting Colors

YUV(240.6650, -25.4708,
2.9248)

Have a look what the booklet for
YUV(240.6650, -25.4708, 2.9248)
contains.

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Color

**YUV(240.6650, -25.4708,
2.9248)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F9BD
RGB	244, 249, 189
RGB Percent	96%, 98%, 74%
CMY	0.0431, 0.0235, 0.2588
CMYK	0.02, 0.00, 0.24, 0.02
HSL	65°, 83%, 86%
HSV	65°, 24%, 98%
XYZ	80.3692, 90.6586, 61.4071
YIQ	240.6650, 16.2800, -19.7200

Conversions

Conversions Part 2

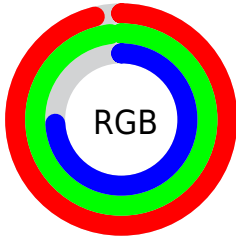
Format	Color
R _Y B	189, 249, 194
Decimal	16054717
CIE Lab	96.27, -11.11, 28.33
CIE LCh	96, 30.428, 111.413
Yxy	90.6586, 0.3458, 0.3900
Android (android.graphics.Color)	4294244797 (0xFFFF4F9BD)
YUV	240.6650, -25.4708, 2.9248
Hunter-Lab	95.2148, -15.9570, 28.4124

Details

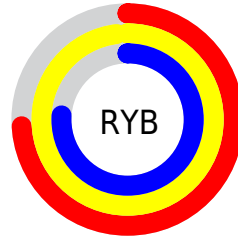
The YUV color $240.6650, -25.4708, 2.9248$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $197.3350, 25.4708, -2.9248$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, -3.9312, 0.8998$, and $184.5940, -24.4498, 2.1101$ is the 20% darker color. If you saturate the color by 10%, you get $237.2170, -36.0960, 4.1947$, and if you desaturate by 10%, it is $244.1130, -14.8457, 1.6549$.

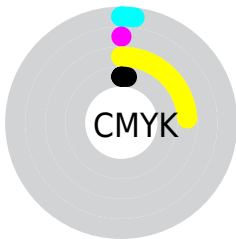
Distribution



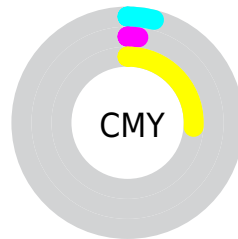
- Red (96%)
- Green (98%)
- Blue (74%)



- Red (74%)
- Yellow (98%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 240.6650, -25.4708, 2.9248 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 240.6650, -25.4708, 2.9248 by changing the saturation by 10% instead.

 240.6650,
-25.4708, 2.9248


 240.6650,
-25.4708, 2.9248


255.0000, 0.0000,
0.0000

 211.8930,
-24.5972, 2.7248


 253.9740, -3.9312,
0.8998

 184.5940,
-24.4498, 2.1101

 157.8220,
-23.5762, 1.9101

 131.0500,
-22.7026, 1.7102

 105.8650,
-22.1184, 0.9954

 81.3920, -21.3923,
1.4102

 57.7940, -21.0974,

0.1807

■ 36.8910, -18.1873,
0.0956

■ 15.8820, -7.8298,
-8.6665

■ 240.6650,
-25.4708, 2.9248

■ 240.6650,
-25.4708, 2.9248

■ 237.2170,
-36.0960, 4.1947

■ 244.1130,
-14.8457, 1.6549

■ 233.7690,
-46.7211, 5.4646

■ 247.5610, -4.2206,
0.3850

■ 230.3210,
-57.3463, 6.7345

■ 249.9830, 2.4734,
0.0149

■ 226.8730,
-67.9714, 8.0044

■ 250.5810, 2.1786,
1.2445

■ 223.5390,
-78.1597, 9.1743

■ 251.1790, 1.8838,
2.4740

■ 220.0910,
-88.7849, 10.4442

■ 251.4780, 1.7363,
3.0888

■ 216.3440,
-99.2626, 11.0993

■ 214.3350,
-105.6672, 11.9842

Harmonies

Analogous

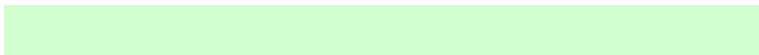
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7420, -25.5088, 15.1353



240.6650, -25.4708, 2.9248



236.0730, -14.3330, -22.8660

Triad

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



240.6650, -25.4708, 2.9248



228.6880, 12.9718, -54.1004



236.6890, 8.5343, 16.0587

Complementary

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



240.6650, -25.4708, 2.9248



197.3350, 25.4708, -2.9248

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.



240.3250, 7.2348, 12.8700



240.6650, -25.4708, 2.9248



235.0220, 9.8492, -32.4683

Square

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



240.6650, -25.4708, 2.9248



226.8940, 13.8563, -57.7890



241.1120, 6.8468, -2.7292



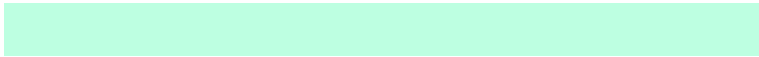
233.2690, -4.5696, 19.0581

Rectangle

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



240.6650, -25.4708, 2.9248



231.8460, -3.3751, -37.5759



241.1120, 6.8468, -2.7292



237.3900, 8.6817, 15.4440

Sweetspot

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



240.6650, -25.4708, 2.9248



252.6490, -7.7150, 1.1848



209.8750, -10.2914, 34.3126



126.4470, -4.6574, 0.4850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

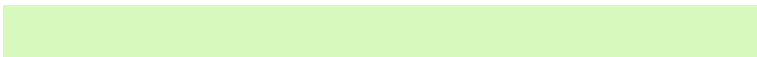
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6650, -25.4708, 2.9248



244.7700, -31.4386, 3.7097



231.9940, -21.1960, -14.9037



123.2190, -5.5310, 0.6849



162.6700, -80.1963, 9.0594



52.5510, -25.9076, 3.0248

Inverse Universe

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



197.3350, 25.4708, -2.9248



191.2300, 31.4386, -3.7097



206.3050, 21.0486, 15.5185



113.7810, 5.5310, -0.6849



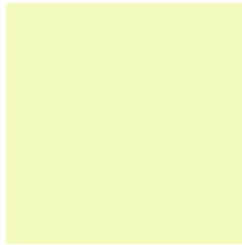
26.3300, 80.1963, -9.0594



8.4490, 25.9076, -3.0248

Previews

White Background



This preview shows how the YUV color 240.6650, -25.4708, 2.9248 looks on a white background.

Color Contrast Check

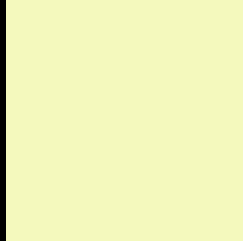
Large Text (above 18pt) WCAG AA × Fail

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 240.6650, -25.4708, 2.9248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

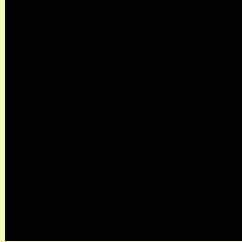
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.6650, -25.4708, 2.9248

Background



This preview shows how black text looks on a background with the YUV color 240.6650, -25.4708, 2.9248.



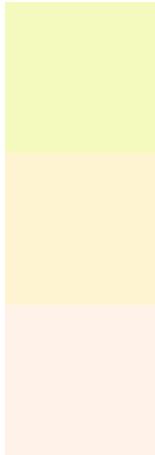
This preview shows how white text looks on a background with the YUV color 240.6650, -25.4708,

2.9248.

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

240.6650, -25.4708, 2.9248

Protanopia

243.2990, -16.9094, 10.2618

Deuteranopia

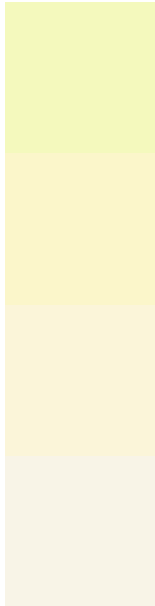
244.8610, -5.8475, 8.8919



Tritanopia

245.5860, 4.6411, 4.7481

Trichromacy



Original Color

240.6650, -25.4708, 2.9248

Protanomaly

242.4790, -19.9561, 7.4729

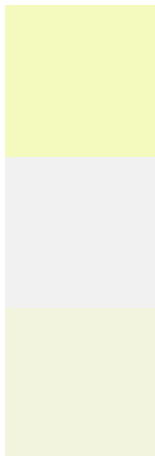
Deuteranomaly

243.6020, -13.1148, 6.4880

Tritanomaly

243.7140, -6.2680, 3.7588

Monochromacy



Original Color

240.6650, -25.4708, 2.9248

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.6650, -25.4708, 2.9248 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(244, 249, 189)` looks like.

```
.text, #text, p{  
    color:rgb(244, 249, 189)  
}
```

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(244, 249, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 249, 189) }
```

Border

The CSS property to change the border of an element to YUV 240.6650, -25.4708, 2.9248 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(244, 249, 189) }
```


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

```
.border{ border-color:rgb(244, 249, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 249, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 249, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 249, 189);  
box-shadow:4px 4px 4px 4px rgb(244, 249,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 240.6650, -25.4708, 2.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 249, 189) }
```

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

```
.background{ background-color: rgb(244,  
249, 189) }
```

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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