

Converting Colors

YUV(242.3770, -25.3289,
4.0544)

Have a look what the booklet for
YUV(242.3770, -25.3289, 4.0544)
contains.

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Color

**YUV(242.3770, -25.3289,
4.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FABF
RGB	247, 250, 191
RGB Percent	97%, 98%, 75%
CMY	0.0314, 0.0196, 0.2510
CMYK	0.01, 0.00, 0.24, 0.02
HSL	63°, 86%, 86%
HSV	63°, 24%, 98%
XYZ	81.9473, 91.9070, 62.7109
YIQ	242.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

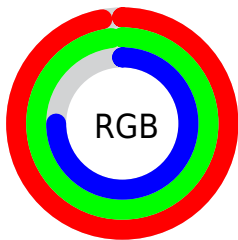
Format	Color
RYB	191, 250, 194
Decimal	16251583
CIELab	96.78, -10.25, 28.05
CIELCh	97, 29.863, 110.064
Yxy	91.9070, 0.3464, 0.3885
Android (android.graphics.Color)	4294441663 (0xFFF7FABF)
YUV	242.3770, -25.3289, 4.0544
Hunter-Lab	95.8681, -15.1887, 28.3239

Details

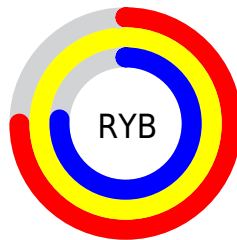
The YUV color $242.3770, -25.3289, 4.0544$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $198.6230, 25.3289, -4.0544$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $186.3060, -24.3079, 3.2396$ is the 20% darker color. If you saturate the color by 10%, you get $239.2280, -36.1014, 5.9390$, and if you desaturate by 10%, it is $245.5260, -14.5563, 2.1697$.

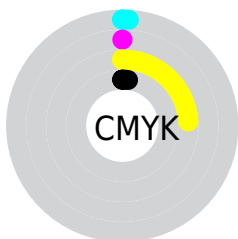
Distribution



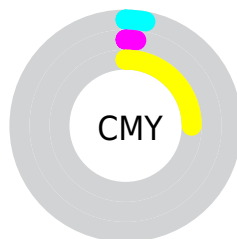
- Red (97%)
- Green (98%)
- Blue (75%)



- Red (75%)
- Yellow (98%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.3770, -25.3289, 4.0544 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 242.3770, -25.3289, 4.0544 by changing the saturation by 10% instead.

■ 242.3770,
-25.3289, 4.0544

■ 242.3770,
-25.3289, 4.0544

■ 255.0000, 0.0000,
0.0000

■ 213.6050,
-24.4553, 3.8544

■ 254.2020, -3.0576,
0.6998

■ 186.3060,
-24.3079, 3.2396

■ 158.8330,
-23.5817, 3.6545

■ 132.7620,
-22.5607, 2.8397

■ 107.5770,
-21.9765, 2.1250

■ 82.8050, -21.1029,
1.9250

■ 59.5060, -20.9555,

1.3102

■ 38.0760, -18.7715,
0.8103

■ 17.9640, -8.8563,
-6.1074

■ 242.3770,
-25.3289, 4.0544

■ 242.3770,
-25.3289, 4.0544

■ 239.2280,
-36.1014, 5.9390

■ 245.5260,
-14.5563, 2.1697

■ 235.7800,
-46.7265, 7.2089

■ 248.9740, -3.9312,
0.8998

■ 232.6310,
-57.4991, 9.0936

■ 250.8690, 2.0366,
0.1149

■ 229.4820,
-68.2716, 10.9783

■ 251.1680, 1.8892,
0.7297

■ 226.3330,
-79.0442, 12.8630

■ 251.4670, 1.7418,
1.3444

■ 222.8850,
-89.6693, 14.1329

■ 252.0650, 1.4470,
2.5740

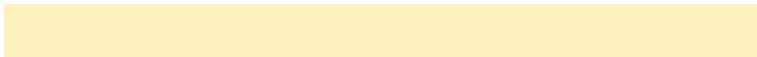
■ 219.7360,
-100.4418, 16.0175

■ 217.6130,
-107.2832, 17.0024

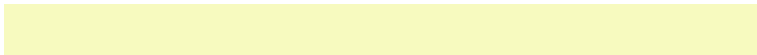
Harmonies

Analogous

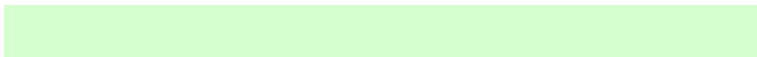
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.2580, -24.7772, 13.8057



242.3770, -25.3289, 4.0544



237.3830, -14.4858, -20.5069

Triad

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



242.3770, -25.3289, 4.0544



229.5850, 12.5296, -52.2560



237.9770, 8.3923, 14.9292

Complementary

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



242.3770, -25.3289, 4.0544



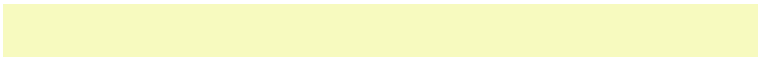
198.6230, 25.3289, -4.0544

Split Complementary

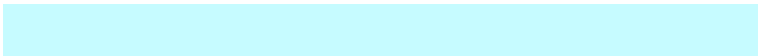
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4990, 6.6560, 11.8404



242.3770, -25.3289, 4.0544



235.6090, 9.5598, -32.9831

Square

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



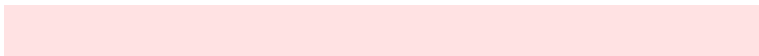
242.3770, -25.3289, 4.0544



227.7910, 13.4140, -55.9447



242.2860, 6.2680, -3.7588



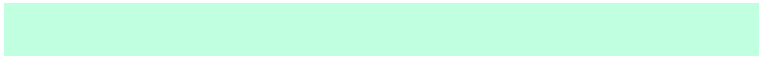
234.7850, -3.8380, 17.7286

Rectangle

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



242.3770, -25.3289, 4.0544



233.0420, -3.9647, -35.1168



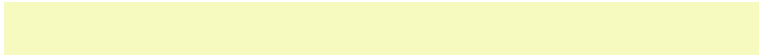
242.2860, 6.2680, -3.7588



238.5640, 8.1029, 14.4144

Sweetspot

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



242.3770, -25.3289, 4.0544



252.6490, -7.7150, 1.1848



210.4020, -9.5652, 34.7274



126.4470, -4.6574, 0.4850



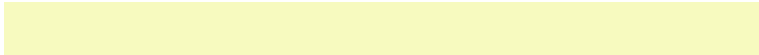
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

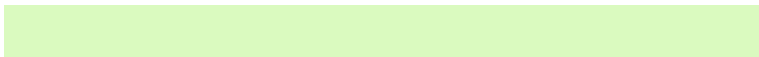
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.3770, -25.3289, 4.0544



245.7100, -30.4230, 4.6393



233.7060, -21.0541, -13.7742



123.2190, -5.5310, 0.6849



164.4640, -81.0808, 12.7481



53.1490, -26.2025, 4.2543

Inverse Universe

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



198.6230, 25.3289, -4.0544



192.9910, 30.5704, -5.2541



207.2940, 21.0541, 13.7742



113.7810, 5.5310, -0.6849



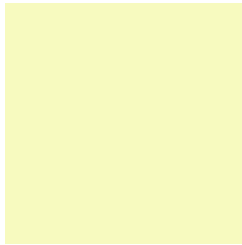
24.5360, 81.0808, -12.7481



7.8510, 26.2025, -4.2543

Previews

White Background



This preview shows how the YUV color 242.3770, -25.3289, 4.0544 looks on a white background.

Color Contrast Check

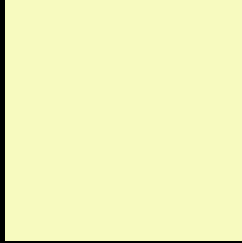
Large Text (above 18pt) WCAG AA × Fail

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 242.3770, -25.3289, 4.0544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

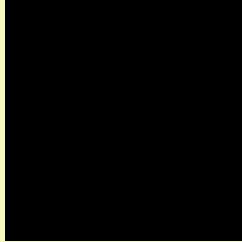
Any Text WCAG AA ✓ Pass

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 242.3770, -25.3289, 4.0544 Background



This preview shows how black text looks on a background with the YUV color 242.3770, -25.3289, 4.0544.



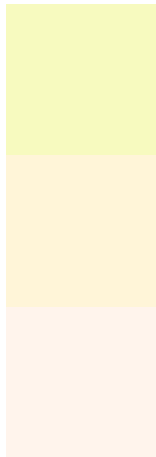
This preview shows how white text looks on a background with the YUV color 242.3770, -25.3289, 4.0544.

4.0544.

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

242.3770, -25.3289, 4.0544

Protanopia

244.6840, -14.1412, 9.0471

Deuteranopia

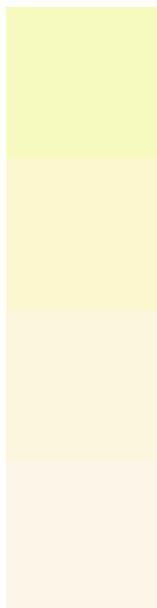
246.3770, -5.1159, 7.5624



Tritanopia

247.3580, 3.7675, 4.9480

Trichromacy



Original Color

242.3770, -25.3289, 4.0544

Protanomaly

243.9350, -18.2090, 7.0730

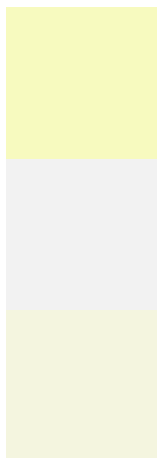
Deuteranomaly

244.8300, -12.2412, 6.2881

Tritanomaly

245.8990, -6.8522, 4.4736

Monochromacy



Original Color

242.3770, -25.3289, 4.0544

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.1930, -9.4621, 1.5847

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.3770, -25.3289, 4.0544 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(247, 250, 191)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 191)  
}
```

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(247, 250, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 191) }
```

Border

The CSS property to change the border of an element to YUV 242.3770, -25.3289, 4.0544 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(247, 250, 191) }
```


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

```
.border{ border-color:rgb(247, 250, 191) }
```

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

Here you see how a box with a 4 pixel rgb(247, 250, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 191);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 242.3770, -25.3289, 4.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 191) }
```

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

```
.background{ background-color: rgb(247,  
250, 191) }
```

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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