

Converting Colors

YUV(240.5730, -25.9185,
6.5135)

Have a look what the booklet for
YUV(240.5730, -25.9185, 6.5135)
contains.

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Color

**YUV(240.5730, -25.9185,
6.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F7BC
RGB	248, 247, 188
RGB Percent	97%, 97%, 74%
CMY	0.0275, 0.0314, 0.2627
CMYK	0.00, 0.00, 0.24, 0.03
HSL	59°, 81%, 85%
HSV	59°, 24%, 97%
XYZ	81.0493, 90.1088, 60.6979
YIQ	240.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

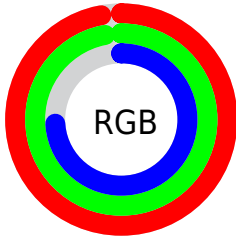
Format	Color
R _{YB}	189, 248, 188
Decimal	16316348
CIE Lab	96.04, -8.80, 28.57
CIE LCh	96, 29.898, 107.115
Yxy	90.1088, 0.3496, 0.3886
Android (android.graphics.Color)	4294506428 (0xFFFF8F7BC)
YUV	240.5730, -25.9185, 6.5135
Hunter-Lab	94.9257, -13.7134, 28.5364

Details

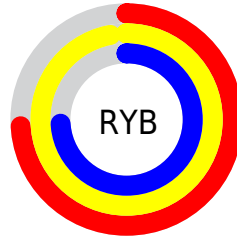
The YUV color $240.5730, -25.9185, 6.5135$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $195.4270, 25.9185, -6.5135$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $184.5020, -24.8975, 5.6987$ is the 20% darker color. If you saturate the color by 10%, you get $237.7230, -36.8384, 9.0129$, and if you desaturate by 10%, it is $243.4230, -14.9985, 4.0140$.

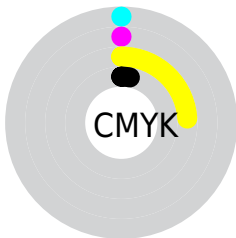
Distribution



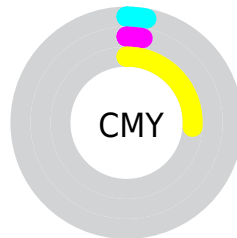
- Red (97%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.5730, -25.9185, 6.5135 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 240.5730, -25.9185, 6.5135 by changing the saturation by 10% instead.

■ 240.5730,
-25.9185, 6.5135

■ 240.5730,
-25.9185, 6.5135

255.0000, 0.0000,
0.0000

■ 212.3880,
-25.3343, 5.7987

■ 253.7460, -4.8048,
1.0998

■ 184.5020,
-24.8975, 5.6987

■ 157.7300,
-24.0239, 5.4988

■ 130.9580,
-23.1503, 5.2988

■ 105.7730,
-22.5661, 4.5841

■ 81.5880, -21.9819,
3.8693

■ 57.5170, -20.9609,

3.0546

■ 36.6140, -18.0507,
2.9695

■ 16.7900, -8.2775,
-5.0778

■ 240.5730,
-25.9185, 6.5135

■ 240.5730,
-25.9185, 6.5135

■ 237.7230,
-36.8384, 9.0129

■ 243.4230,
-14.9985, 4.0140

■ 234.2860,
-47.4690, 12.0272

■ 246.8600, -4.3680,
0.9998

■ 231.5500,
-57.9521, 14.4267

■ 248.7980, 3.0576,
-0.6998

■ 228.1130,
-68.5827, 17.4409

■ 249.3850, 2.7682,
-1.2146

■ 225.2630,
-79.5027, 19.9403

■ 249.9720, 2.4788,
-1.7294

■ 222.4130,
-90.4226, 22.4398

■ 250.5590, 2.1894,
-2.2442

■ 218.9760,
-101.0532, 25.4540

■ 217.3800,
-107.1683, 26.8537

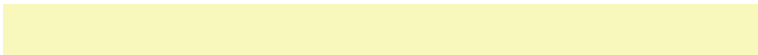
Harmonies

Analogous

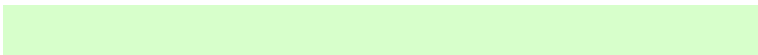
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7960, -24.0564, 15.9649



240.5730, -25.9185, 6.5135



237.1120, -16.8172, -19.3922

Triad

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



240.5730, -25.9185, 6.5135



228.3890, 13.1192, -54.7152



236.8030, 8.9711, 15.9588

Complementary

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



240.5730, -25.9185, 6.5135



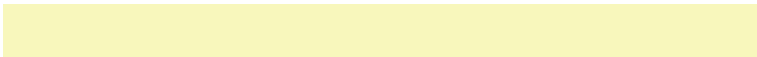
195.4270, 25.9185, -6.5135

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.



240.9120, 6.9454, 12.3552



240.5730, -25.9185, 6.5135



233.5270, 10.5862, -35.5422

Square

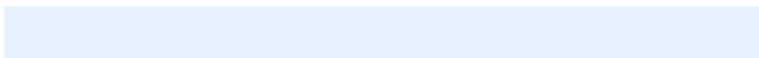
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.5730, -25.9185, 6.5135



227.4920, 13.5614, -56.5595



239.9050, 7.4418, -6.9327



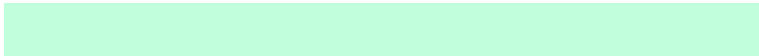
233.1380, -2.5330, 19.1730

Rectangle

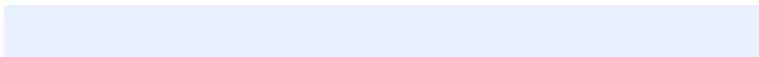
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.5730, -25.9185, 6.5135



232.4720, -6.1487, -34.6169



239.9050, 7.4418, -6.9327



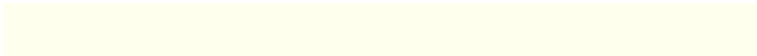
237.9770, 8.3923, 14.9292

Sweetspot

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



240.5730, -25.9185, 6.5135



252.9480, -7.8624, 1.7996



206.0540, -8.4076, 36.7866



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

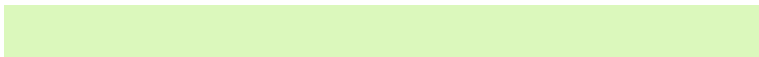
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.5730, -25.9185, 6.5135



245.9770, -32.0337, 7.9132



232.4890, -21.9331, -11.8299



123.5180, -5.6784, 1.2997



165.6930, -81.6866, 20.4402



53.4590, -26.3553, 6.6135

Inverse Universe

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



195.4270, 25.9185, -6.5135



190.0230, 32.0337, -7.9132



203.5110, 21.9331, 11.8299



114.0690, 5.3890, -1.8145



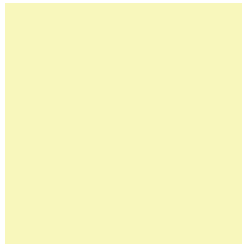
23.3070, 81.6866, -20.4402



7.5410, 26.3553, -6.6135

Previews

White Background



This preview shows how the YUV color 240.5730, -25.9185, 6.5135 looks on a white background.

Color Contrast Check

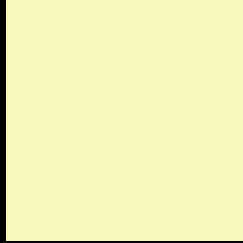
Large Text (above 18pt) WCAG AA × Fail

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 240.5730, -25.9185, 6.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

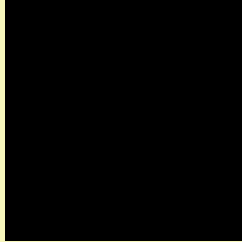
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

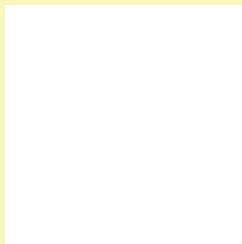
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.5730, -25.9185, 6.5135

Background



This preview shows how black text looks on a background with the YUV color 240.5730, -25.9185, 6.5135.

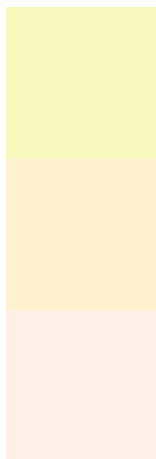


This preview shows how white text looks on a background with the YUV color 240.5730, -25.9185,

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

240.5730, -25.9185, 6.5135

Protanopia

242.4840, -17.4936, 10.9765

Deuteranopia

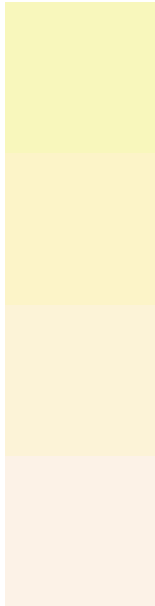
244.0460, -6.4317, 9.6067



Tritanopia

245.6080, 4.6303, 8.2368

Trichromacy



Original Color

240.5730, -25.9185, 6.5135

Protanomaly

241.3760, -20.3984, 9.3172

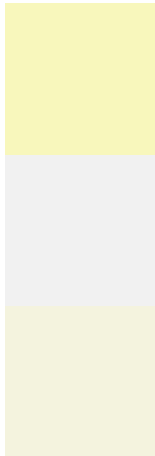
Deuteranomaly

242.4990, -13.5570, 8.3324

Tritanomaly

243.7360, -6.2788, 7.2475

Monochromacy



Original Color

240.5730, -25.9185, 6.5135

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9050, -9.3202, 2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5730, -25.9185, 6.5135 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(248, 247, 188)` looks like.

```
.text, #text, p{  
    color:rgb(248, 247, 188)  
}
```

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(248, 247, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 247, 188) }
```

Border

The CSS property to change the border of an element to YUV 240.5730, -25.9185, 6.5135 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(248, 247, 188) }
```


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

```
.border{ border-color:rgb(248, 247, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 247, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 247, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 247, 188);  
box-shadow:4px 4px 4px 4px rgb(248, 247,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 240.5730, -25.9185, 6.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 247, 188) }
```

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

```
.background{ background-color: rgb(248,  
247, 188) }
```

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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