

Converting Colors

YUV(245.3310, -15.4462,
7.6027)

Have a look what the booklet for
YUV(245.3310, -15.4462, 7.6027)
contains.

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Color

**YUV(245.3310, -15.4462,
7.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF7D6
RGB	254, 247, 214
RGB Percent	100%, 97%, 84%
CMY	0.0039, 0.0314, 0.1608
CMYK	0.00, 0.03, 0.16, 0.00
HSL	50°, 95%, 92%
HSV	50°, 16%, 100%
XYZ	86.2714, 92.4474, 76.9155
YIQ	245.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

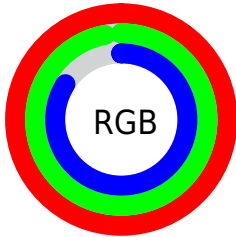
Format	Color
R _Y B	222, 254, 214
Decimal	16709590
CIE Lab	97.00, -2.97, 16.71
CIE LCh	97, 16.974, 100.074
Yxy	92.4474, 0.3375, 0.3616
Android (android.graphics.Color)	4294899670 (0xFFFEF7D6)
YUV	245.3310, -15.4462, 7.6027
Hunter-Lab	96.1496, -8.1004, 19.8753

Details

The YUV color $245.3310, -15.4462, 7.6027$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $222.6690, 15.4462, -7.6027$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.1460, -14.8620, 6.8880$ is the 20% darker color. If you saturate the color by 10%, you get $240.1330, -25.2086, 12.1614$, and if you desaturate by 10%, it is $250.5290, -5.6838, 3.0441$.

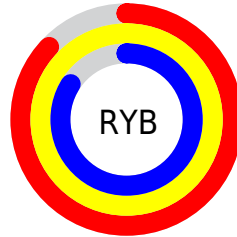
Distribution



Red (100%)

Green (97%)

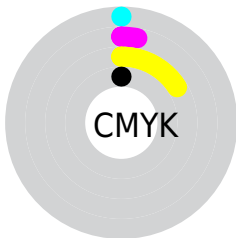
Blue (84%)



Red (87%)

Yellow (100%)

Blue (84%)

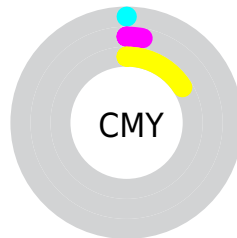


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.3310, -15.4462, 7.6027 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 245.3310, -15.4462, 7.6027 by changing the saturation by 10% instead.

245.3310,
-15.4462, 7.6027

245.3310,
-15.4462, 7.6027

255.0000, 0.0000,
0.0000

217.0320,
-15.2988, 6.9879

189.1460,
-14.8620, 6.8880

162.2600,
-14.4252, 6.7880

135.4880,
-13.5516, 6.5880

110.1890,
-13.4042, 5.9732

86.0040, -12.8200,
5.2585

62.2320, -11.9464,

5.0585

■ 40.9330, -11.7990,
4.4438

■ 20.3890, -10.0518,
4.0438

■ 245.3310,
-15.4462, 7.6027

■ 245.3310,
-15.4462, 7.6027

■ 240.1330,
-25.2086, 12.1614

■ 250.5290, -5.6838,
3.0441

■ 234.2340,
-35.1184, 17.3348

254.7010, 0.1474,
-0.6148

■ 229.0360,
-44.8807, 21.8934

■ 223.1370,
-54.7905, 27.0669

■ 217.9390,
-64.5529, 31.6255

■ 212.1540,
-74.0259, 36.6989

■ 206.8420,
-84.2251, 41.3576

■ 201.0570,
-93.6981, 46.4310

■ 199.2160,
-98.2135, 48.0456

Harmonies

Analogous

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



242.9230, -13.2730, 10.5915



245.3310, -15.4462, 7.6027



243.3830, -11.0348, -7.3519

Triad

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



245.3310, -15.4462, 7.6027



240.0500, 7.3704, -30.7388



243.8470, 5.4984, 9.7812

Complementary

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



245.3310, -15.4462, 7.6027



222.6690, 15.4462, -7.6027

Split Complementary

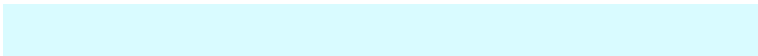
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.1950, 4.3409, 7.7220



245.3310, -15.4462, 7.6027



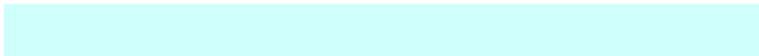
241.2900, 6.7590, -21.3023

Square

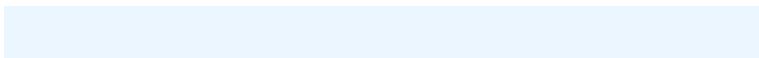
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.3310, -15.4462, 7.6027



239.8930, 5.4758, -29.7242



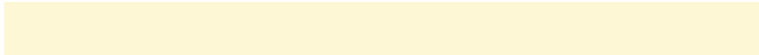
244.0360, 5.4053, -7.0476



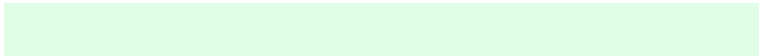
241.6640, -0.3274, 11.6957

Rectangle

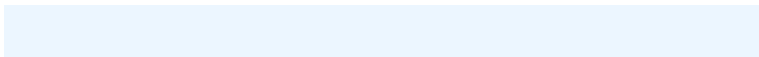
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.3310, -15.4462, 7.6027



241.8810, -6.3503, -16.5586



244.0360, 5.4053, -7.0476



244.4340, 5.2090, 9.2664

Sweetspot

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



245.3310, -15.4462, 7.6027



252.3440, -5.0996, 2.3293



226.7580, -2.8387, 23.8912



125.9140, -2.9156, 1.8294



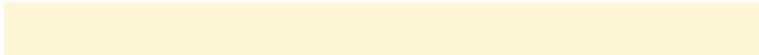
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

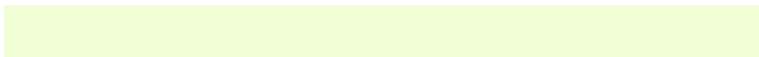
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.3310, -15.4462, 7.6027



244.8320, -18.6512, 8.9173



245.5530, -15.5556, -3.9930



124.7570, -4.8102, 2.8441



149.8550, -73.8785, 36.0842



50.2470, -24.7718, 12.0614

Inverse Universe

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



222.6690, 15.4462, -7.6027



217.1680, 18.6512, -8.9173



222.4470, 15.5556, 3.9930



117.6560, 5.0996, -2.3293



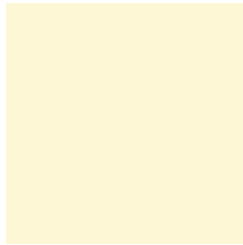
41.1450, 73.8785, -36.0842



13.7530, 24.7718, -12.0614

Previews

White Background



This preview shows how the YUV color 245.3310, -15.4462, 7.6027 looks on a white background.

Color Contrast Check

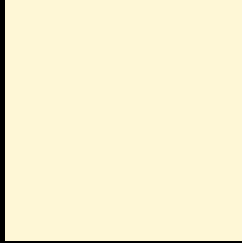
Large Text (above 18pt) WCAG AA × Fail

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 245.3310, -15.4462, 7.6027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

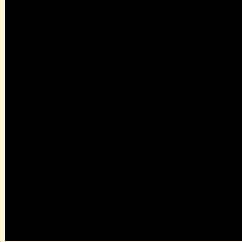
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.3310, -15.4462, 7.6027

Background



This preview shows how black text looks on a background with the YUV color 245.3310, -15.4462, 7.6027.



This preview shows how white text looks on a background with the YUV color 245.3310, -15.4462, 7.6027.

7.6027.

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

245.3310, -15.4462, 7.6027

Protanopia

246.0690, -11.3730, 7.8325

Deuteranopia

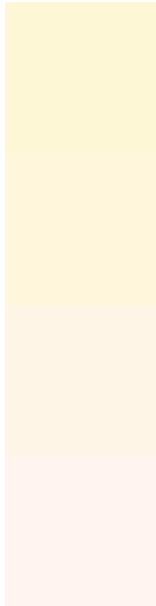
246.8330, -3.3687, 7.1625



Tritanopia

247.9560, 3.4727, 6.1776

Trichromacy



Original Color

245.3310, -15.4462, 7.6027

Protanomaly

245.7270, -12.6834, 8.1324

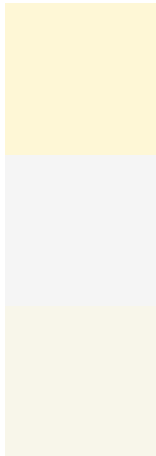
Deuteranomaly

246.3940, -7.5892, 7.5475

Tritanomaly

246.8330, -3.3687, 7.1625

Monochromacy



Original Color

245.3310, -15.4462, 7.6027

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.3310, -15.4462, 7.6027 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(254, 247, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 214)  
}
```

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(254, 247, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 214) }
```

Border

The CSS property to change the border of an element to YUV 245.3310, -15.4462, 7.6027 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(254, 247, 214) }
```


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

```
.border{ border-color:rgb(254, 247, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 245.3310, -15.4462, 7.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 214) }
```

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

```
.background{ background-color: rgb(254,  
247, 214) }
```

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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