

Converting Colors

YUV(244.0240, -6.4208, 6.1180)

Have a look what the booklet for
YUV(244.0240, -6.4208, 6.1180)
contains.

YUV(244.0240, -6.4208, 6.1180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(244.0240, -6.4208,
6.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF3E7
RGB	251, 243, 231
RGB Percent	98%, 95%, 91%
CMY	0.0157, 0.0471, 0.0941
CMYK	0.00, 0.03, 0.08, 0.02
HSL	36°, 71%, 95%
HSV	36°, 8%, 98%
XYZ	86.2581, 90.3799, 88.5001
YIQ	244.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

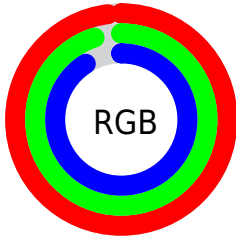
Format	Color
R_{YB}	244, 251, 231
Decimal	16511975
CIE Lab	96.15, 0.66, 6.72
CIE LCh	96, 6.753, 84.355
Yxy	90.3799, 0.3253, 0.3409
Android (android.graphics.Color)	4294702055 (0xFFFBF3E7)
YUV	244.0240, -6.4208, 6.1180
Hunter-Lab	95.0684, -4.4118, 11.3542

Details

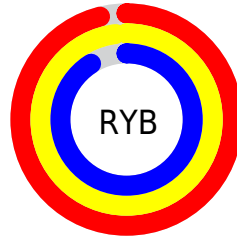
The YUV color $244.0240, -6.4208, 6.1180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.9760, 6.4208, -6.1180$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.7250, -6.2734, 5.5032$ is the 20% darker color. If you saturate the color by 10%, you get $235.3040, -14.4469, 13.7654$, and if you desaturate by 10%, it is $252.6300, 1.1684, -1.4295$.

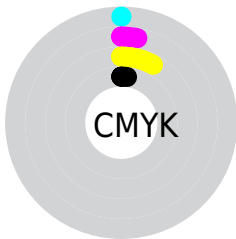
Distribution



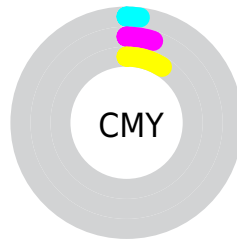
- Red (98%)
- Green (95%)
- Blue (91%)



- Red (96%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.0240, -6.4208, 6.1180 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 244.0240, -6.4208, 6.1180 by changing the saturation by 10% instead.

 244.0240, -6.4208,
6.1180


 244.0240, -6.4208,
6.1180

255.0000, 0.0000,
0.0000


 215.7250, -6.2734,
5.5032

 187.7250, -6.2734,
5.5032

 160.8390, -5.8366,
5.4032

 134.8390, -5.8366,
5.4032

 109.5400, -5.6892,
4.7884

 84.9530, -5.3998,
5.3032

 61.7680, -4.8156,

4.5885

■ 39.8820, -4.3788,
4.4885

■ 19.3120, -6.5628,
4.9884

■ 244.0240, -6.4208,
6.1180

■ 244.0240, -6.4208,
6.1180

■ 235.3040,
-14.4469, 13.7654

■ 252.6300, 1.1684,
-1.4295

■ 226.5840,
-22.4729, 21.4128

■ 253.8040, 0.5896,
-2.4591

■ 217.8640,
-30.4990, 29.0603

■ 209.1440,
-38.5250, 36.7077

■ 200.4240,
-46.5510, 44.3552

■ 191.5900,
-55.0139, 52.1026

■ 182.8700,
-63.0399, 59.7500

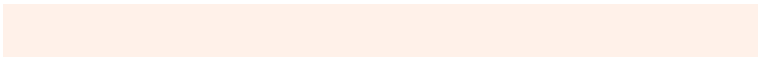
■ 174.1500,
-71.0659, 67.3975

■ 165.4300,
-79.0920, 75.0449

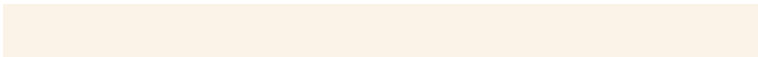
Harmonies

Analogous

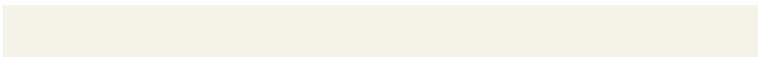
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.2740, -5.5581, 9.4067



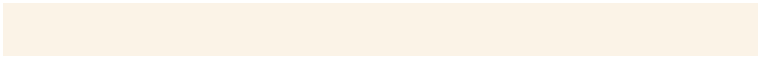
244.0240, -6.4208, 6.1180



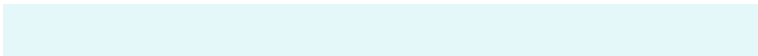
243.2190, -5.5310, 0.6849

Triad

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



244.0240, -6.4208, 6.1180



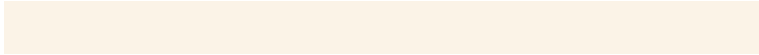
242.1340, 3.3849, -12.3955



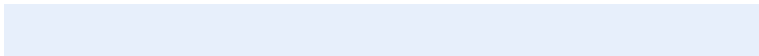
245.5430, 3.1833, 5.6628

Complementary

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



244.0240, -6.4208, 6.1180



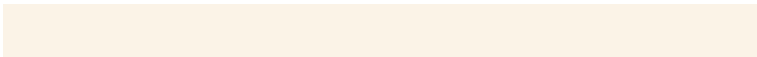
237.9760, 6.4208, -6.1180

Split Complementary

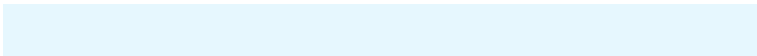
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.6670, 5.0942, -0.5850



244.0240, -6.4208, 6.1180



242.7150, 5.5635, -11.1511

Square

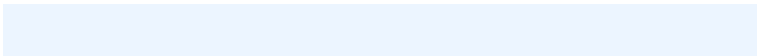
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.0240, -6.4208, 6.1180



241.9340, 0.0325, -10.4661



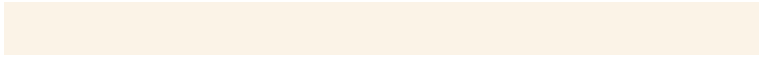
243.4490, 5.6946, -6.5328



245.0550, -0.0271, 8.7218

Rectangle

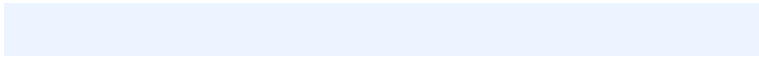
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.0240, -6.4208, 6.1180



242.2400, -4.0623, -3.7185



243.4490, 5.6946, -6.5328



244.7600, 4.0623, 3.7185

Sweetspot

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



244.0240, -6.4208, 6.1180



253.2560, -1.6052, 1.5295



237.8920, 0.5462, 11.4957



126.4840, -0.7316, 1.3295



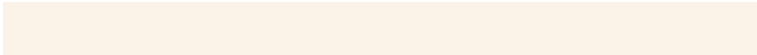
0.0000, 0.0000, 0.0000



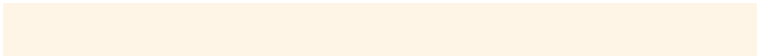
128.0000, 0.0000, 0.0000

Same Dimension

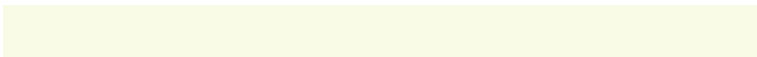
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0240, -6.4208, 6.1180



246.2800, -8.0260, 7.6474



248.1220, -8.4411, 0.7700



120.5830, -4.2314, 3.8737



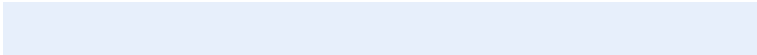
122.8420, -60.5611, 58.0206



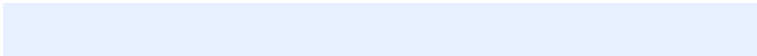
39.9580, -19.6993, 18.4538

Inverse Universe

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



237.9760, 6.4208, -6.1180



238.7200, 8.0260, -7.6474



233.8780, 8.4411, -0.7700



116.4170, 4.2314, -3.8737



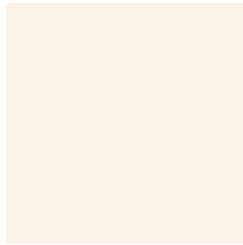
65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Previews

White Background



This preview shows how the YUV color 244.0240, -6.4208, 6.1180 looks on a white background.

Color Contrast Check

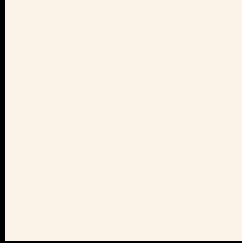
Large Text (above 18pt) WCAG AA × Fail

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 244.0240, -6.4208, 6.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

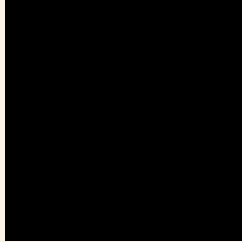
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.0240, -6.4208, 6.1180

Background



This preview shows how black text looks on a background with the YUV color 244.0240, -6.4208, 6.1180.



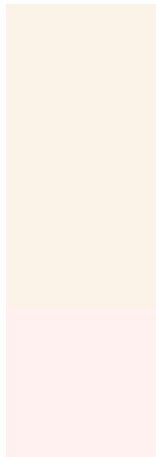
This preview shows how white text looks on a background with the YUV color 244.0240, -6.4208,

6.1180.

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

244.0240, -6.4208, 6.1180

Protanopia

244.0240, -6.4208, 6.1180

Deuteranopia

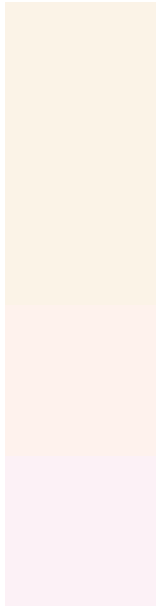
245.0720, -2.5005, 8.7069



Tritanopia

245.5970, 4.6357, 6.4924

Trichromacy



Original Color

244.0240, -6.4208, 6.1180

Protanomaly

244.0240, -6.4208, 6.1180

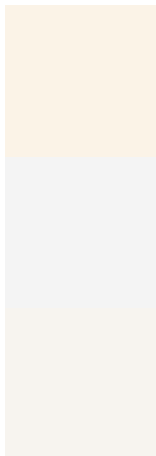
Deuteranomaly

245.0180, -3.9529, 7.8772

Tritanomaly

244.8590, 0.5625, 6.2627

Monochromacy



Original Color

244.0240, -6.4208, 6.1180

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.0240, -6.4208, 6.1180 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(251, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 231)  
}
```

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(251, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 231) }
```

Border

The CSS property to change the border of an element to YUV 244.0240, -6.4208, 6.1180 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(251, 243, 231) }
```


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

```
.border{ border-color:rgb(251, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 244.0240, -6.4208, 6.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 231) }
```

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

```
.background{ background-color: rgb(251,  
243, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor