

Converting Colors

YUV(236.7960, -24.0564,
15.9649)

Have a look what the booklet for
YUV(236.7960, -24.0564, 15.9649)
contains.

YUV(236.7960, -24.0564, 15.9649)	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(236.7960, -24.0564,
15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBC
RGB	255, 237, 188
RGB Percent	100%, 93%, 74%
CMY	0.0000, 0.0706, 0.2627
CMYK	0.00, 0.07, 0.26, 0.00
HSL	44°, 100%, 87%
HSV	44°, 26%, 100%
XYZ	80.6013, 85.4592, 59.8241
YIQ	236.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

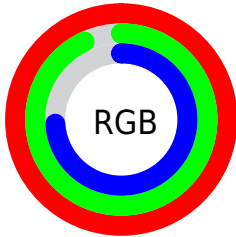
Format	Color
R _Y B	213, 255, 188
Decimal	16772540
CIE Lab	94.08, -1.22, 25.99
CIE LCh	94, 26.015, 92.689
Yxy	85.4592, 0.3568, 0.3783
Android (android.graphics.Color)	4294962620 (0xFFFFEDBC)
YUV	236.7960, -24.0564, 15.9649
Hunter-Lab	92.4442, -6.1446, 26.3421

Details

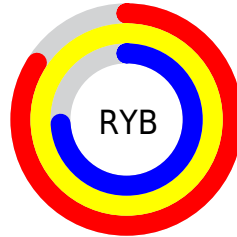
The YUV color $236.7960, -24.0564, 15.9649$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.2040, 24.0564, -15.9649$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $180.7250, -23.0354, 15.1502$ is the 20% darker color. If you saturate the color by 10%, you get $229.8370, -32.9506, 22.0680$, and if you desaturate by 10%, it is $243.8690, -14.7254, 9.7619$.

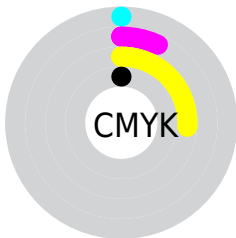
Distribution



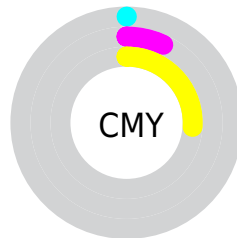
- Red (100%)
- Green (93%)
- Blue (74%)



- Red (84%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.7960, -24.0564, 15.9649 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 236.7960, -24.0564, 15.9649 by changing the saturation by 10% instead.


 236.7960,
-24.0564, 15.9649


 236.7960,
-24.0564, 15.9649


255.0000, 0.0000,
0.0000


 208.6110,
-23.4722, 15.2502


 253.7460, -4.8048,
1.0998

 180.7250,
-23.0354, 15.1502

 153.6540,
-22.0144, 14.3354

 128.0560,
-21.7196, 13.1059

 102.9850,
-20.6986, 12.2912

 78.5010, -19.9670,
10.9616

 55.3160, -19.3828,

10.2469

■ 33.7010, -16.6146,
9.0322

■ 14.1870, -6.9942,
3.3440

■ 236.7960,
-24.0564, 15.9649

■ 236.7960,
-24.0564, 15.9649

■ 229.8370,
-32.9506, 22.0680

■ 243.8690,
-14.7254, 9.7619

■ 222.7640,
-42.2817, 28.2710

■ 250.8280, -5.8312,
3.6588

■ 215.8050,
-51.1759, 34.3740

255.0000, 0.0000,
0.0000

■ 209.3190,
-60.7963, 40.0622

■ 202.3600,
-69.6905, 46.1653

■ 195.2870,
-79.0215, 52.3683

■ 188.3280,
-87.9157, 58.4713

■ 185.4270,
-91.4155, 61.0155

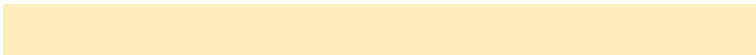
Harmonies

Analogous

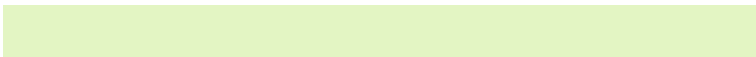
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7840, -19.1205, 19.4834



236.7960, -24.0564, 15.9649



233.9180, -19.1866, -6.0671

Triad

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



236.7960, -24.0564, 15.9649



226.9380, 13.8346, -50.8116



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.



236.7960, -24.0564, 15.9649



206.2040, 24.0564, -15.9649

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.



237.9220, 8.4195, 6.2074



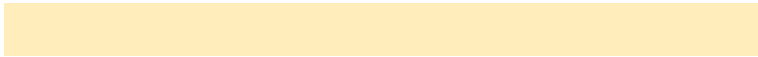
236.7960, -24.0564, 15.9649



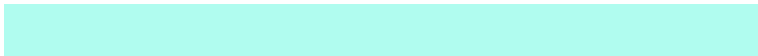
228.4770, 13.0758, -40.7603

Square

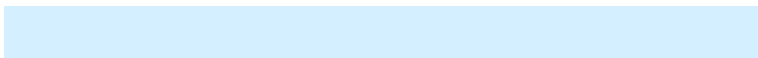
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.7960, -24.0564, 15.9649



227.7940, 5.5246, -45.4233



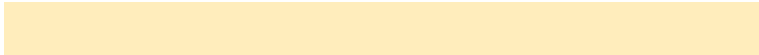
232.7510, 10.9688, -18.1986



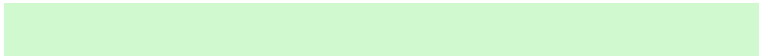
232.4030, 2.2663, 19.8176

Rectangle

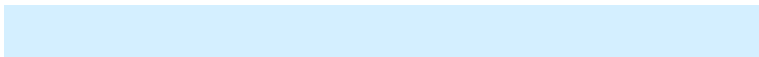
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.7960, -24.0564, 15.9649



231.9530, -12.3018, -21.0068



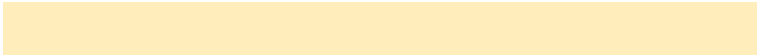
232.7510, 10.9688, -18.1986



237.9770, 8.3923, 14.9292

Sweetspot

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



236.7960, -24.0564, 15.9649



249.7850, -7.2890, 4.5736



210.1990, -1.5771, 39.2905



124.1700, -4.5208, 3.3589



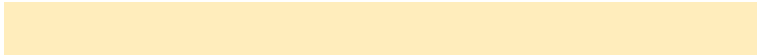
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

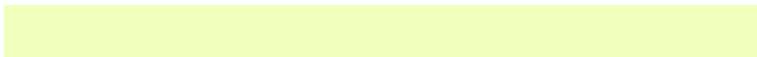
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.7960, -24.0564, 15.9649



232.7380, -29.4508, 19.5238



242.8770, -27.0544, -2.5231



124.1700, -4.5208, 3.3589



139.2890, -68.6695, 45.3505



46.7250, -23.0354, 15.1502

Inverse Universe

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



206.2040, 24.0564, -15.9649



195.2620, 29.4508, -19.5238



200.1230, 27.0544, 2.5231



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 236.7960, -24.0564, 15.9649 looks on a white background.

Color Contrast Check

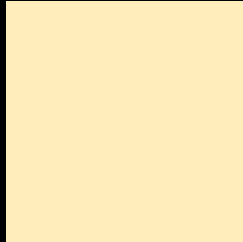
Large Text (above 18pt) WCAG AA × Fail

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 236.7960, -24.0564, 15.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

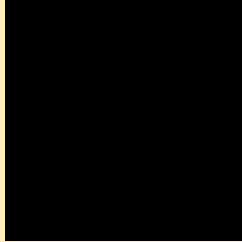
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.7960, -24.0564, 15.9649

Background



This preview shows how black text looks on a background with the YUV color 236.7960, -24.0564, 15.9649.



This preview shows how white text looks on a background with the YUV color 236.7960, -24.0564, 15.9649.

15.9649.

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

236.7960, -24.0564, 15.9649

Protanopia

236.7850, -24.0510, 14.2206

Deuteranopia

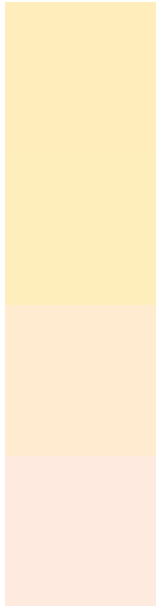
238.6830, -9.2107, 14.3100



Tritanopia

240.2450, 1.8512, 12.9401

Trichromacy



Original Color

236.7960, -24.0564, 15.9649

Protanomaly

237.0840, -24.1984, 14.8353

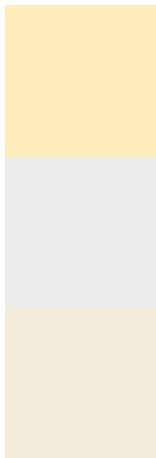
Deuteranomaly

237.9020, -14.7417, 14.9949

Tritanomaly

239.1390, -7.4635, 13.9101

Monochromacy



Original Color

236.7960, -24.0564, 15.9649

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.7960, -24.0564, 15.9649 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(255, 237, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 188) }
```

Border

The CSS property to change the border of an element to YUV 236.7960, -24.0564, 15.9649 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(255, 237, 188) }
```


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

```
.border{ border-color:rgb(255, 237, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 236.7960, -24.0564, 15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 188) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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