

Converting Colors

YUV(240.3640, -15.4625,
12.8358)

Have a look what the booklet for
YUV(240.3640, -15.4625, 12.8358)
contains.

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Color

**YUV(240.3640, -15.4625,
12.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD1
RGB	255, 239, 209
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0627, 0.1804
CMYK	0.00, 0.06, 0.18, 0.00
HSL	39°, 100%, 91%
HSV	39°, 18%, 100%
XYZ	83.6151, 87.5965, 72.8224
YIQ	240.3640, 19.1660, -5.9380

Conversions

Conversions Part 2

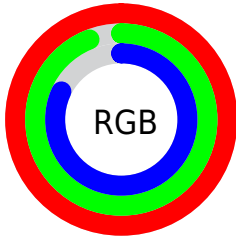
Format	Color
R_{YB}	234, 255, 209
Decimal	16773073
CIE _{Lab}	94.99, 0.68, 16.46
CIE _{LCh}	95, 16.474, 87.622
Yxy	87.5965, 0.3426, 0.3590
Android (android.graphics.Color)	4294963153 (0xFFFFEFD1)
YUV	240.3640, -15.4625, 12.8358
Hunter-Lab	93.5930, -4.3174, 19.3830

Details

The YUV color $240.3640, -15.4625, 12.8358$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $223.6360, 15.4625, -12.8358$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.2930, -14.4414, 12.0210$ is the 20% darker color. If you saturate the color by 10%, you get $232.1170, -24.2147, 20.0684$, and if you desaturate by 10%, it is $248.6110, -6.7102, 5.6032$.

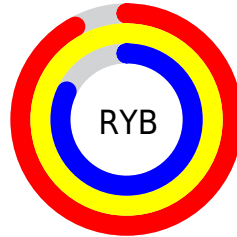
Distribution



Red (100%)

Green (94%)

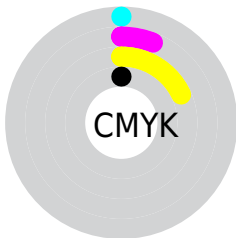
Blue (82%)



Red (92%)

Yellow (100%)

Blue (82%)

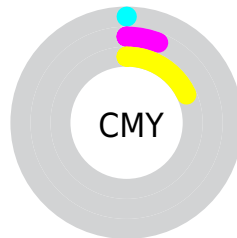


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.3640, -15.4625, 12.8358 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 240.3640, -15.4625, 12.8358 by changing the saturation by 10% instead.

240.3640,
-15.4625, 12.8358

240.3640,
-15.4625, 12.8358

255.0000, 0.0000,
0.0000

212.0650,
-15.3150, 12.2210

184.2930,
-14.4414, 12.0210

156.9940,
-14.2940, 11.4063

131.1080,
-13.8572, 11.3063

105.9230,
-13.2730, 10.5915

81.7380, -12.6888,
9.8768

58.5530, -12.1046,

9.1620

■ 36.9550, -11.8098,
7.9325

■ 16.5680, -8.1680,
6.5179

■ 240.3640,
-15.4625, 12.8358

■ 240.3640,
-15.4625, 12.8358

■ 232.1170,
-24.2147, 20.0684

■ 248.6110, -6.7102,
5.6032

■ 223.9840,
-32.5301, 27.2010

255.0000, 0.0000,
0.0000

■ 215.7370,
-41.2823, 34.4337

■ 208.1910,
-49.8872, 41.0515

■ 200.0580,
-58.2026, 48.1841

■ 191.8110,
-66.9548, 55.4168

■ 183.5640,
-75.7071, 62.6494

■ 175.4310,
-84.0225, 69.7820

■ 173.6870,
-85.6277, 71.3115

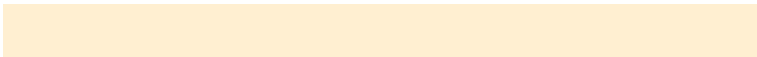
Harmonies

Analogous

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



237.9990, -11.8315, 14.9099



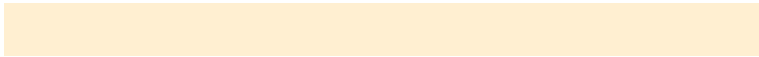
240.3640, -15.4625, 12.8358



238.2590, -12.9457, -1.1041

Triad

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



240.3640, -15.4625, 12.8358



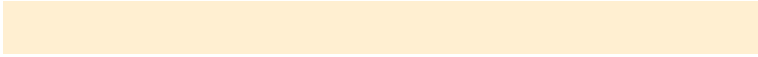
235.6200, 9.5543, -31.2387



241.4990, 6.6560, 11.8404

Complementary

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



240.3640, -15.4625, 12.8358



223.6360, 15.4625, -12.8358

Split Complementary

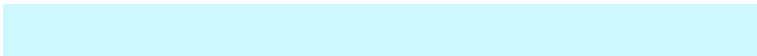
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.5470, 7.1253, 1.2743



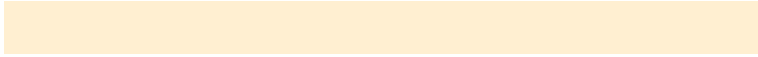
240.3640, -15.4625, 12.8358



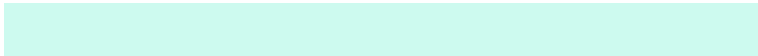
235.6530, 9.5381, -26.0057

Square

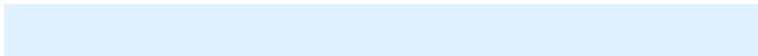
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3640, -15.4625, 12.8358



235.2910, 1.8285, -26.5652



237.5020, 8.6265, -13.5953



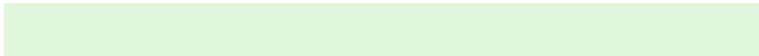
238.8430, 1.5564, 14.1697

Rectangle

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



240.3640, -15.4625, 12.8358



237.2300, -8.9874, -10.7257



237.5020, 8.6265, -13.5953



242.6730, 6.0772, 10.8108

Sweetspot

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



240.3640, -15.4625, 12.8358



251.1700, -4.5208, 3.3589



224.5780, 0.2080, 26.6801



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



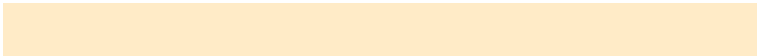
128.0000, 0.0000, 0.0000

Same Dimension

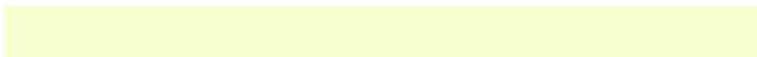
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3640, -15.4625, 12.8358



236.8760, -18.6729, 15.8947



247.6630, -19.0609, 0.2955



123.5830, -4.2314, 3.8737



130.4840, -64.3286, 53.0725



43.7900, -21.5885, 17.7242

Inverse Universe

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



223.6360, 15.4625, -12.8358



216.5370, 18.9623, -15.3799



216.3370, 19.0609, -0.2955



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 240.3640, -15.4625, 12.8358 looks on a white background.

Color Contrast Check

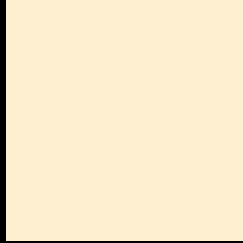
Large Text (above 18pt) WCAG AA × Fail

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 240.3640, -15.4625, 12.8358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

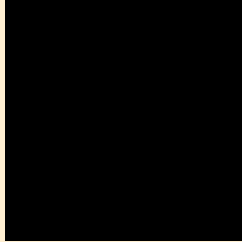
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.3640, -15.4625, 12.8358

Background



This preview shows how black text looks on a background with the YUV color 240.3640, -15.4625, 12.8358.



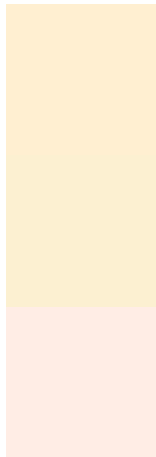
This preview shows how white text looks on a background with the YUV color 240.3640, -15.4625, 12.8358.

12.8358.

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

240.3640, -15.4625, 12.8358

Protanopia

240.0540, -15.3096, 10.4766

Deuteranopia

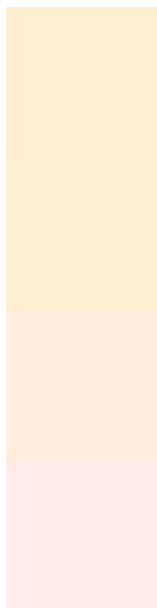
241.4700, -6.1477, 11.8658



Tritanopia

242.4620, 2.7302, 10.9958

Trichromacy



Original Color

240.3640, -15.4625, 12.8358

Protanomaly

240.3530, -15.4570, 11.0914

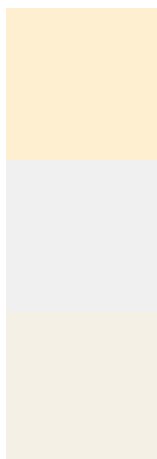
Deuteranomaly

241.2590, -9.4947, 12.0509

Tritanomaly

241.4530, -3.6743, 11.8807

Monochromacy



Original Color

240.3640, -15.4625, 12.8358

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3640, -15.4625, 12.8358 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, 239, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 209)  
}
```

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, 239, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 209) }
```

Border

The CSS property to change the border of an element to YUV 240.3640, -15.4625, 12.8358 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, 239, 209) }
```


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

```
.border{ border-color:rgb(255, 239, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 240.3640, -15.4625, 12.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 209) }
```

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

```
.background{ background-color: rgb(255,  
239, 209) }
```

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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