

Converting Colors

YUV(240.3300, -10.5157,
12.8656)

Have a look what the booklet for
YUV(240.3300, -10.5157, 12.8656)
contains.

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Color

**YUV(240.3300, -10.5157,
12.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDDB
RGB	255, 237, 219
RGB Percent	100%, 93%, 86%
CMY	0.0000, 0.0706, 0.1412
CMYK	0.00, 0.07, 0.14, 0.00
HSL	30°, 100%, 93%
HSV	30°, 14%, 100%
XYZ	84.3104, 86.9428, 79.3558
YIQ	240.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

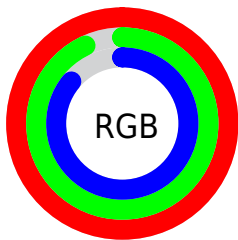
Format	Color
R _Y B	255, 255, 219
Decimal	16772571
CIE Lab	94.71, 3.20, 10.90
CIE LCh	95, 11.361, 73.638
Yxy	86.9428, 0.3364, 0.3469
Android (android.graphics.Color)	4294962651 (0xFFFFEDDB)
YUV	240.3300, -10.5157, 12.8656
Hunter-Lab	93.2431, -1.7760, 14.8106

Details

The YUV color $240.3300, -10.5157, 12.8656$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.6700, 10.5157, -12.8656$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.1450, -9.9315, 12.1508$ is the 20% darker color. If you saturate the color by 10%, you get $229.8490, -17.6736, 22.0574$, and if you desaturate by 10%, it is $250.8110, -3.3578, 3.6738$.

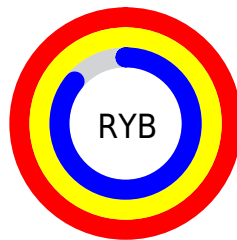
Distribution



Red (100%)

Green (93%)

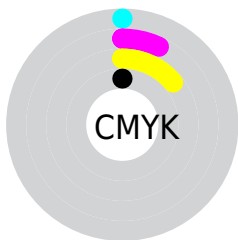
Blue (86%)



Red (100%)

Yellow (100%)

Blue (86%)

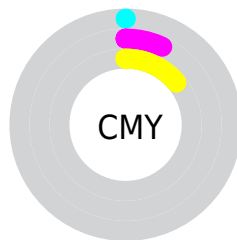


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.3300, -10.5157, 12.8656 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 240.3300, -10.5157, 12.8656 by changing the saturation by 10% instead.

240.3300,
-10.5157, 12.8656

240.3300,
-10.5157, 12.8656

255.0000, 0.0000,
0.0000

212.0310,
-10.3683, 12.2508

184.1450, -9.9315,
12.1508

157.2590, -9.4947,
12.0509

130.9600, -9.3473,
11.4361

105.7750, -8.7631,
10.7213

81.5900, -8.1789,
10.0066

58.8780, -8.3209,

8.8770

■ 36.8070, -7.2999,
8.0623

■ 15.9920, -7.8841,
8.7770

■ 240.3300,
-10.5157, 12.8656

■ 240.3300,
-10.5157, 12.8656

■ 229.8490,
-17.6736, 22.0574

■ 250.8110, -3.3578,
3.6738

■ 219.8410,
-25.5576, 30.8344

255.0000, 0.0000,
0.0000

■ 209.3600,
-32.7155, 40.0263

■ 198.7650,
-40.3101, 49.3181

■ 188.1700,
-47.9048, 58.6099

■ 178.2760,
-55.3521, 67.2869

■ 167.6810,
-62.9467, 76.5788

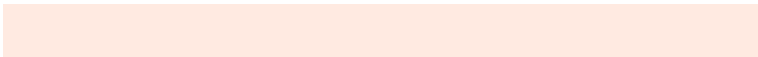
■ 157.2000,
-70.1046, 85.7706

■ 151.3810,
-74.6308, 90.8739

Harmonies

Analogous

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



239.2530, -7.0267, 13.8101



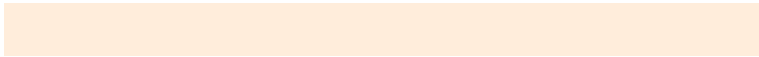
240.3300, -10.5157, 12.8656



239.2750, -10.4886, 4.1438

Triad

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



240.3300, -10.5157, 12.8656



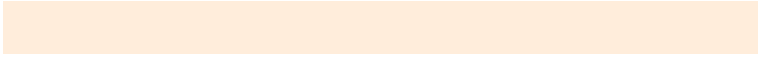
236.0190, 4.4276, -20.1877



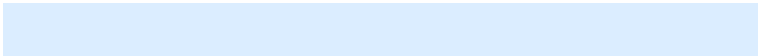
241.1670, 6.8197, 5.9925

Complementary

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



240.3300, -10.5157, 12.8656



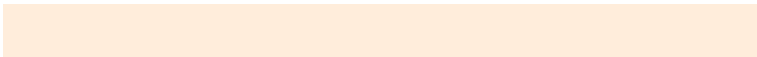
233.6700, 10.5157, -12.8656

Split Complementary

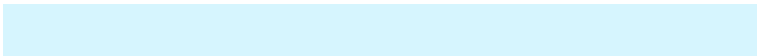
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.6280, 7.5784, -4.0588



240.3300, -10.5157, 12.8656



236.7570, 8.5008, -19.9579

Square

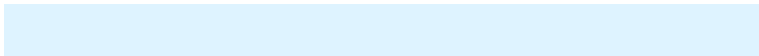
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3300, -10.5157, 12.8656



236.7440, -1.8458, -14.6845



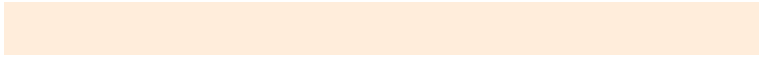
238.0890, 8.3371, -14.1101



241.0600, 2.4354, 12.2254

Rectangle

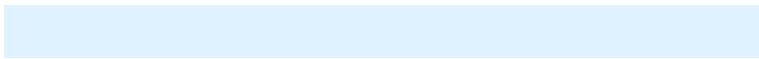
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.3300, -10.5157, 12.8656



238.1000, -8.4303, -2.7187



238.0890, 8.3371, -14.1101



241.1450, 6.8305, 2.5038

Sweetspot

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



240.3300, -10.5157, 12.8656



250.9250, -2.9210, 3.5738



231.8160, 2.5557, 20.3324



124.8540, -1.9000, 2.7590



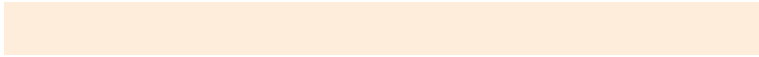
0.0000, 0.0000, 0.0000



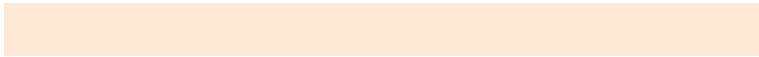
128.0000, 0.0000, 0.0000

Same Dimension

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



240.3300, -10.5157, 12.8656



237.1840, -12.4157, 15.6246



250.8960, -15.7247, 3.5992



122.4090, -3.6526, 4.9033



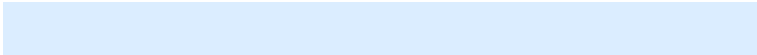
113.4610, -55.9363, 68.0017



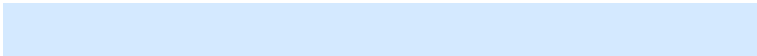
37.9200, -18.6946, 22.8722

Inverse Universe

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



233.6700, 10.5157, -12.8656



229.2290, 12.7051, -15.1098



223.1040, 15.7247, -3.5992



120.0040, 3.9420, -4.3885



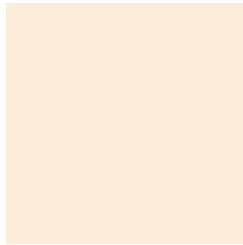
78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 240.3300, -10.5157, 12.8656 looks on a white background.

Color Contrast Check

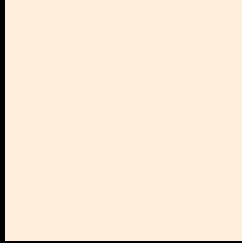
Large Text (above 18pt) WCAG AA × Fail

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 240.3300, -10.5157, 12.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

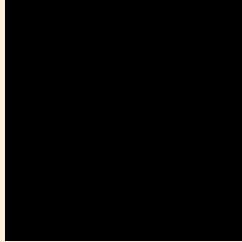
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.3300, -10.5157, 12.8656

Background



This preview shows how black text looks on a background with the YUV color 240.3300, -10.5157, 12.8656.



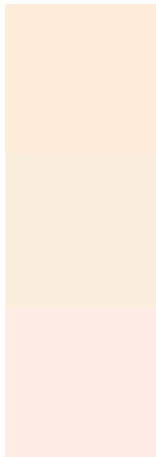
This preview shows how white text looks on a background with the YUV color 240.3300, -10.5157, 12.8656.

12.8656.

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

240.3300, -10.5157, 12.8656

Protanopia

239.8240, -9.7732, 8.0474

Deuteranopia

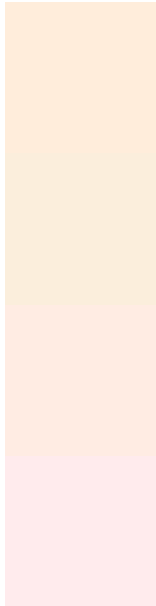
241.1110, -4.9847, 12.1807



Tritanopia

241.8750, 3.0196, 11.5106

Trichromacy



Original Color

240.3300, -10.5157, 12.8656

Protanomaly

239.8350, -9.7787, 9.7917

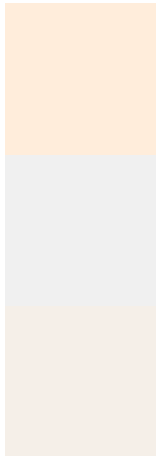
Deuteranomaly

240.6550, -6.7319, 12.5806

Tritanomaly

241.2080, -2.0745, 12.0956

Monochromacy



Original Color

240.3300, -10.5157, 12.8656

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3300, -10.5157, 12.8656 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 219) }
```

Border

The CSS property to change the border of an element to YUV 240.3300, -10.5157, 12.8656 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, 219) }
```


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

```
.border{ border-color:rgb(255, 237, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 240.3300, -10.5157, 12.8656 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
237, 219) }
```

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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