

Converting Colors

YUV(241.2250, -4.5479,
12.0807)

Have a look what the booklet for
YUV(241.2250, -4.5479, 12.0807)
contains.

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Color

**YUV(241.2250, -4.5479,
12.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECE8
RGB	255, 236, 232
RGB Percent	100%, 93%, 91%
CMY	0.0000, 0.0745, 0.0902
CMYK	0.00, 0.07, 0.09, 0.00
HSL	10°, 100%, 95%
HSV	10°, 9%, 100%
XYZ	85.8009, 87.0771, 88.6293
YIQ	241.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

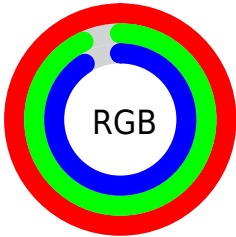
Format	Color
R _Y B	255, 237, 232
Decimal	16772328
CIE Lab	94.77, 5.77, 4.25
CIE LCh	95, 7.163, 36.345
Yxy	87.0771, 0.3281, 0.3330
Android (android.graphics.Color)	4294962408 (0xFFFFE8E8)
YUV	241.2250, -4.5479, 12.0807
Hunter-Lab	93.3151, 0.8249, 9.0078

Details

The YUV color $241.2250, -4.5479, 12.0807$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.7750, 4.5479, -12.0807$, 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 $184.9260, -4.4005, 11.4659$ is the 20% darker color. If you saturate the color by 10%, you get $226.0480, -9.3907, 25.3909$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

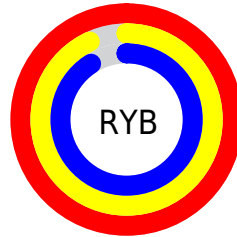
Distribution



Red (100%)

Green (93%)

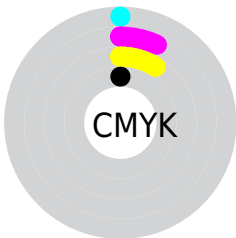
Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.2250, -4.5479, 12.0807 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 241.2250, -4.5479, 12.0807 by changing the saturation by 10% instead.


 241.2250, -4.5479,
12.0807


 241.2250, -4.5479,
12.0807

255.0000, 0.0000,
0.0000


 212.9260, -4.4005,
11.4659

 184.9260, -4.4005,
11.4659

 158.0400, -3.9637,
11.3659

 131.7410, -3.8163,
10.7511

 106.4420, -3.6689,
10.1364

 82.4420, -3.6689,
10.1364

 59.8440, -3.3741,

8.9068

■ 37.5450, -3.2267,
8.2920

■ 16.2140, -4.5425,
10.3363

■ 241.2250, -4.5479,
12.0807

■ 241.2250, -4.5479,
12.0807

■ 226.0480, -9.3907,
25.3909

255.0000, 0.0000,
0.0000

■ 210.7570,
-14.6702, 38.8011

■ 195.4660,
-19.9497, 52.2113

■ 180.2890,
-24.7925, 65.5215

■ 165.1120,
-29.6352, 78.8318

■ 149.8210,
-34.9148, 92.2420

■ 134.6440,
-39.7575, 105.5522

■ 118.7660,
-44.7476, 119.4772

■ 103.5890,
-49.5904, 132.7874

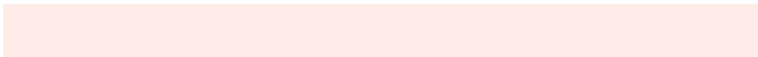
Harmonies

Analogous

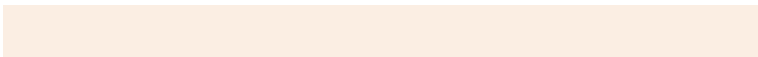
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4360, -1.2009, 11.8956



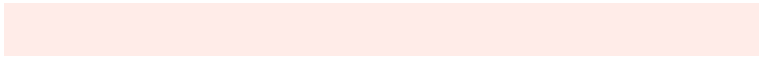
241.2250, -4.5479, 12.0807



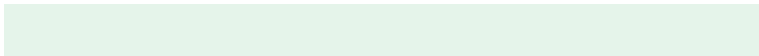
240.6330, -6.7211, 9.0919

Triad

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



241.2250, -4.5479, 12.0807



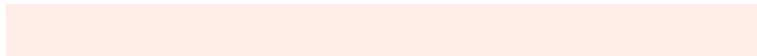
238.3750, -2.1569, -8.2219



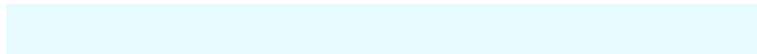
240.1010, 6.8522, -4.4736

Complementary

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



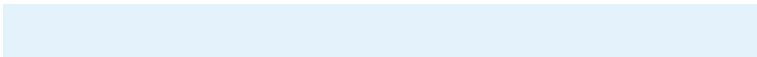
241.2250, -4.5479, 12.0807



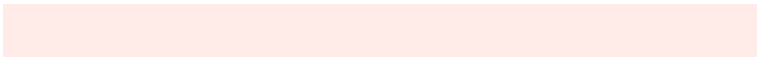
245.7750, 4.5479, -12.0807

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.



238.9540, 6.4317, -9.6067



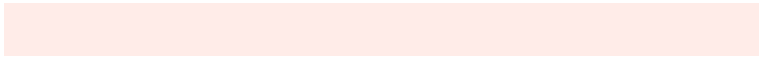
241.2250, -4.5479, 12.0807



237.6780, 1.6377, -11.9956

Square

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



241.2250, -4.5479, 12.0807



238.7240, -4.7939, -2.3889



238.4760, 4.6953, -12.6955



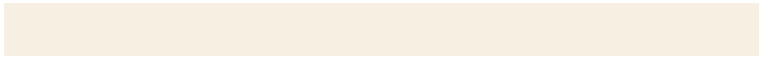
240.9770, 4.9413, 1.7742

Rectangle

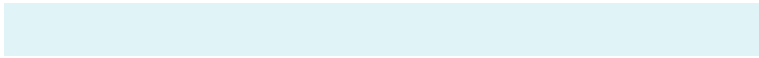
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



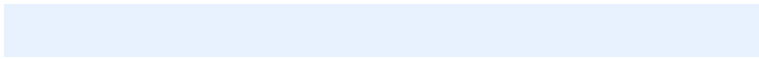
241.2250, -4.5479, 12.0807



239.9100, -6.8576, 6.2179



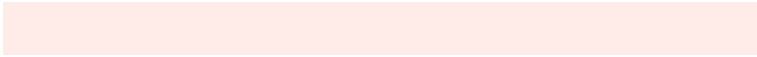
238.4760, 4.6953, -12.6955



239.7910, 7.0050, -6.8327

Sweetspot

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



241.2250, -4.5479, 12.0807



250.5660, -1.7580, 3.8886



241.0430, 4.9088, 12.2403



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



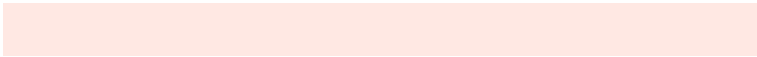
128.0000, 0.0000, 0.0000

Same Dimension

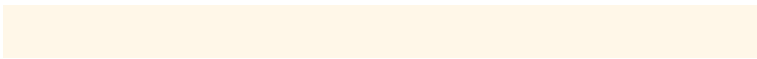
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2250, -4.5479, 12.0807



238.3070, -5.5744, 14.6398



247.6820, -7.7312, 6.4179



120.0610, -2.4951, 6.9625



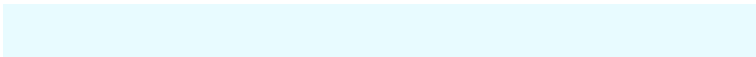
76.4800, -37.7046, 100.4340



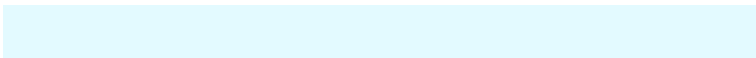
25.5930, -12.6173, 33.6829

Inverse Universe

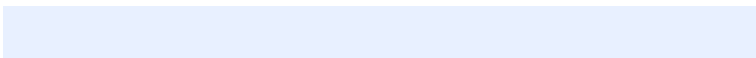
The Inverse Universe completely reimagines the original color for something new.



245.7750, 4.5479, -12.0807



243.6930, 5.5744, -14.6398



239.3180, 7.7312, -6.4179



122.3520, 2.7845, -6.4477



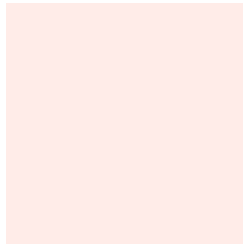
114.5200, 37.7046, -100.4340



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 241.2250, -4.5479, 12.0807 looks on a white background.

Color Contrast Check

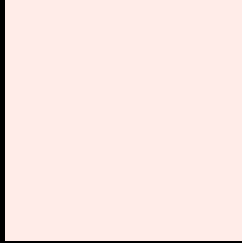
Large Text (above 18pt) WCAG AA × Fail

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 241.2250, -4.5479, 12.0807 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

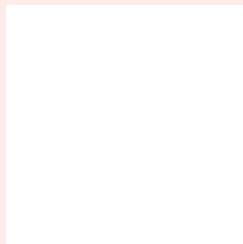
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.2250, -4.5479, 12.0807

Background



This preview shows how black text looks on a background with the YUV color 241.2250, -4.5479, 12.0807.

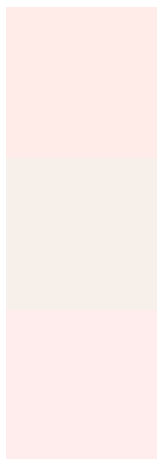


This preview shows how white text looks on a background with the YUV color 241.2250, -4.5479,

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

241.2250, -4.5479, 12.0807

Protanopia

240.5230, -3.2158, 4.8033

Deuteranopia

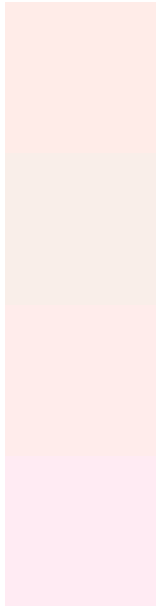
241.6810, -2.8007, 11.6808



Tritanopia

242.1030, 3.8932, 11.3107

Trichromacy



Original Color

241.2250, -4.5479, 12.0807

Protanomaly

240.7190, -3.8055, 7.2624

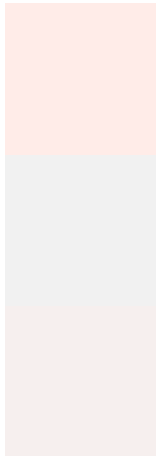
Deuteranomaly

241.5670, -3.2375, 11.7807

Tritanomaly

241.8920, 0.5462, 11.4957

Monochromacy



Original Color

241.2250, -4.5479, 12.0807

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9790, -1.4686, 4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.2250, -4.5479, 12.0807 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, 236, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 232)  
}
```

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, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 232) }
```

Border

The CSS property to change the border of an element to YUV 241.2250, -4.5479, 12.0807 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, 236, 232) }
```


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

```
.border{ border-color:rgb(255, 236, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 236, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 241.2250, -4.5479, 12.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 232) }
```

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

```
.background{ background-color: rgb(255,  
236, 232) }
```

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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