

Converting Colors

YUV(241.3560, -6.5845,
11.9658)

Have a look what the booklet for
YUV(241.3560, -6.5845, 11.9658)
contains.

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Color

**YUV(241.3560, -6.5845,
11.9658)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE4
RGB	255, 237, 228
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0706, 0.1059
CMYK	0.00, 0.07, 0.11, 0.00
HSL	20°, 100%, 95%
HSV	20°, 11%, 100%
XYZ	85.5278, 87.4298, 85.7666
YIQ	241.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 242, 228
Decimal	16772580
CIE Lab	94.92, 4.61, 6.54
CIE LCh	95, 7.999, 54.786
Yxy	87.4298, 0.3306, 0.3379
Android (android.graphics.Color)	4294962660 (0xFFFFE4E4)
YUV	241.3560, -6.5845, 11.9658
Hunter-Lab	93.5039, -0.3584, 11.0689

Details

The YUV color `241.3560, -6.5845, 11.9658` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `241.6440, 6.5845, -11.9658`, 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 `185.1710, -6.0003, 11.2510` is the 20% darker color. If you saturate the color by 10%, you get `228.5270, -12.5848, 23.2168`, and if you desaturate by 10%, it is `254.2990, -0.1474, 0.6148`.

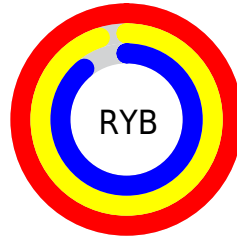
Distribution



Red (100%)

Green (93%)

Blue (89%)



Red (100%)

Yellow (95%)

Blue (89%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.3560, -6.5845, 11.9658 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 241.3560, -6.5845, 11.9658 by changing the saturation by 10% instead.


 241.3560, -6.5845,
11.9658


 241.3560, -6.5845,
11.9658


255.0000, 0.0000,
0.0000


 213.0570, -6.4371,
11.3510

 185.1710, -6.0003,
11.2510

 158.1710, -6.0003,
11.2510

 131.8720, -5.8529,
10.6363

 106.6870, -5.2687,
9.9215

 82.6870, -5.2687,
9.9215

 59.3880, -5.1213,

9.3067

■ 37.9040, -4.3897,
7.9772

■ 16.2310, -7.0159,
10.3214

■ 241.3560, -6.5845,
11.9658

■ 241.3560, -6.5845,
11.9658

■ 228.5270,
-12.5848, 23.2168

254.2990, -0.1474,
0.6148

■ 215.5840,
-19.0219, 34.5678

255.0000, 0.0000,
0.0000

■ 202.7550,
-25.0222, 45.8189

■ 189.8120,
-31.4593, 57.1699

■ 176.9830,
-37.4596, 68.4209

■ 164.0400,
-43.8967, 79.7719

■ 151.2110,
-49.8970, 91.0230

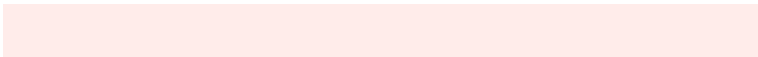
■ 138.2680,
-56.3341, 102.3740

■ 126.1400,
-62.1870, 113.0102

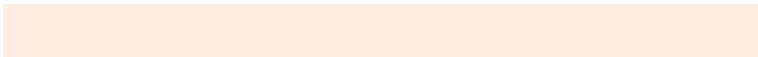
Harmonies

Analogous

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



241.4530, -3.6743, 11.8807



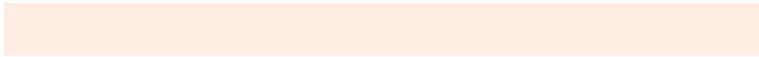
241.3560, -6.5845, 11.9658



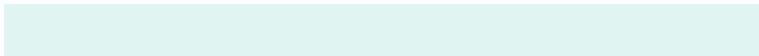
240.3940, -7.5892, 7.5475

Triad

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



241.3560, -6.5845, 11.9658



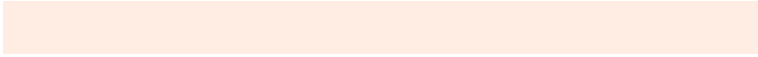
238.0370, 0.4748, -12.3104



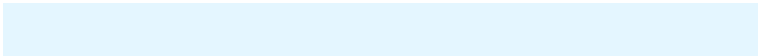
241.0090, 6.4046, -0.8849

Complementary

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



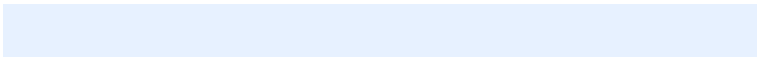
241.3560, -6.5845, 11.9658



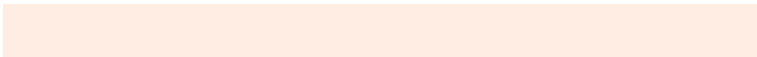
241.6440, 6.5845, -11.9658

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.



239.6060, 7.5892, -7.5475



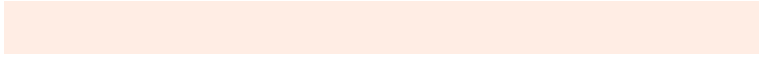
241.3560, -6.5845, 11.9658



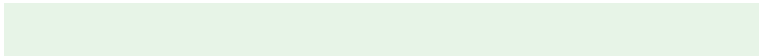
238.3510, 4.2640, -14.3398

Square

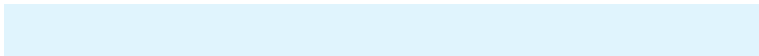
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.3560, -6.5845, 11.9658



238.6310, -3.7621, -6.6924



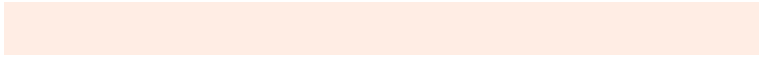
239.0460, 6.8793, -13.1953



241.9560, 3.4727, 6.1776

Rectangle

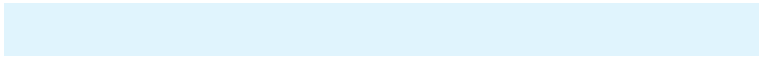
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.3560, -6.5845, 11.9658



239.7740, -7.2836, 2.8292



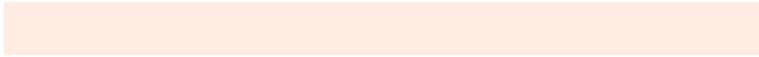
239.0460, 6.8793, -13.1953



240.8130, 6.9942, -3.3440

Sweetspot

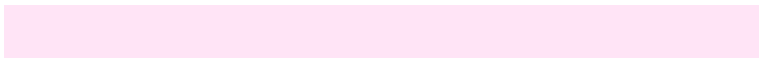
The Sweet Spot groups the original color and five complimentary colors.



241.3560, -6.5845, 11.9658



251.1530, -2.0474, 3.3738



238.1250, 3.8824, 14.7994



124.9680, -1.4632, 2.6591



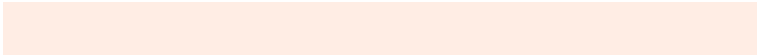
0.0000, 0.0000, 0.0000



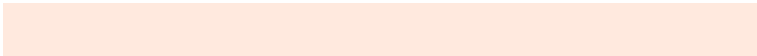
128.0000, 0.0000, 0.0000

Same Dimension

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



241.3560, -6.5845, 11.9658



238.3240, -8.0477, 14.6249



249.5740, -10.6360, 4.7586



121.2350, -3.0739, 5.9329



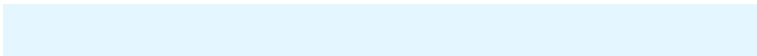
94.6770, -46.6758, 84.4753



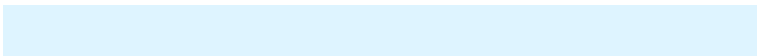
31.4630, -15.5113, 28.5349

Inverse Universe

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



241.6440, 6.5845, -11.9658



238.6760, 8.0477, -14.6249



234.0130, 10.3466, -5.2734



121.1780, 3.3632, -5.4181



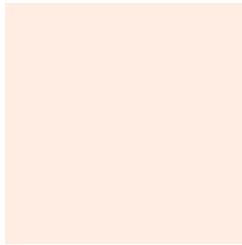
96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 241.3560, -6.5845, 11.9658 looks on a white background.

Color Contrast Check

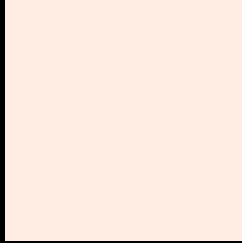
Large Text (above 18pt) WCAG AA × Fail

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 241.3560, -6.5845, 11.9658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

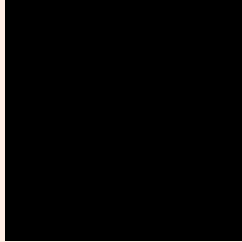
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.3560, -6.5845, 11.9658

Background



This preview shows how black text looks on a background with the YUV color 241.3560, -6.5845, 11.9658.



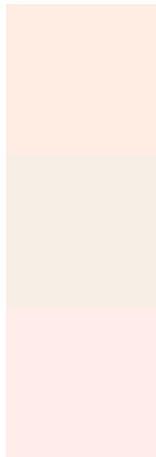
This preview shows how white text looks on a background with the YUV color 241.3560, -6.5845,

11.9658.

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

241.3560, -6.5845, 11.9658

Protanopia

240.2520, -5.5472, 5.9180

Deuteranopia

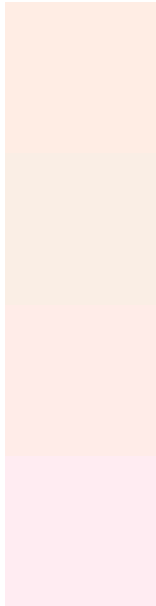
241.5670, -3.2375, 11.7807



Tritanopia

242.6900, 3.6038, 10.7959

Trichromacy



Original Color

241.3560, -6.5845, 11.9658

Protanomaly

240.5620, -5.7001, 8.2771

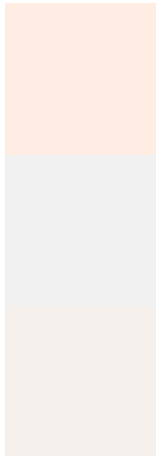
Deuteranomaly

241.2250, -4.5479, 12.0807

Tritanomaly

242.3650, -0.1799, 11.0809

Monochromacy



Original Color

241.3560, -6.5845, 11.9658

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.3560, -6.5845, 11.9658 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 228) }
```

Border

The CSS property to change the border of an element to YUV 241.3560, -6.5845, 11.9658 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, 228) }
```


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

```
.border{ border-color:rgb(255, 237, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 228); box-shadow:4px 4px 4px 4px rgb(255, 237, 228) }
```

Background

The CSS property to change the background color of an element to YUV 241.3560, -6.5845, 11.9658 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
237, 228) }
```

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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