

Converting Colors

YUV(240.2960, -5.5689,
12.8954)

Have a look what the booklet for
YUV(240.2960, -5.5689, 12.8954)
contains.

YUV(240.2960, -5.5689, 12.8954)	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(240.2960, -5.5689,
12.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBE5
RGB	255, 235, 229
RGB Percent	100%, 92%, 90%
CMY	0.0000, 0.0784, 0.1020
CMYK	0.00, 0.08, 0.10, 0.00
HSL	14°, 100%, 95%
HSV	14°, 10%, 100%
XYZ	85.0912, 86.3338, 86.3080
YIQ	240.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

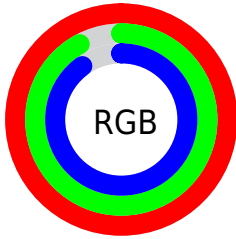
Format	Color
R _Y B	255, 237, 229
Decimal	16772069
CIE Lab	94.45, 5.80, 5.34
CIE LCh	94, 7.884, 42.682
Yxy	86.3338, 0.3302, 0.3350
Android (android.graphics.Color)	4294962149 (0xFFFFE5E5)
YUV	240.2960, -5.5689, 12.8954
Hunter-Lab	92.9160, 0.8649, 9.9677

Details

The YUV color $240.2960, -5.5689, 12.8954$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.7040, 5.5689, -12.8954$, 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 $184.1110, -4.9847, 12.1807$ is the 20% darker color. If you saturate the color by 10%, you get $225.7060, -10.7011, 25.6908$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

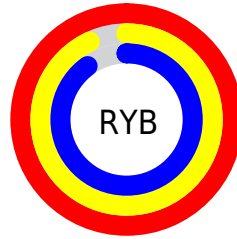
Distribution



Red (100%)

Green (92%)

Blue (90%)



Red (100%)

Yellow (93%)

Blue (90%)

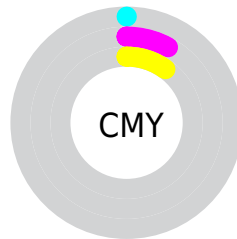


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.2960, -5.5689, 12.8954 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 240.2960, -5.5689, 12.8954 by changing the saturation by 10% instead.

 240.2960, -5.5689,
12.8954

 240.2960, -5.5689,
12.8954


255.0000, 0.0000,
0.0000


 211.9970, -5.4215,
12.2806

 184.1110, -4.9847,
12.1807

 157.6980, -5.2741,
11.6659

 131.3990, -5.1267,
11.0511

 106.1000, -4.9793,
10.4363

 82.2140, -4.5425,
10.3363

 58.9150, -4.3951,

9.7215

■ 36.7300, -3.8109,
9.0068

■ 15.1710, -6.0003,
11.2510

■ 240.2960, -5.5689,
12.8954

■ 240.2960, -5.5689,
12.8954

■ 225.7060,
-10.7011, 25.6908

255.0000, 0.0000,
0.0000

■ 211.5890,
-16.5594, 38.0714

■ 196.9990,
-21.6915, 50.8669

■ 182.8820,
-27.5498, 63.2475

■ 168.2920,
-32.6820, 76.0429

■ 153.5880,
-38.2509, 88.9383

■ 139.5850,
-43.6724, 101.2190

■ 124.8810,
-49.2413, 114.1144

■ 110.8780,
-54.6629, 126.3950

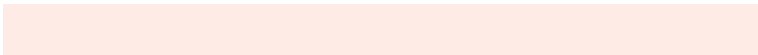
Harmonies

Analogous

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



240.5070, -2.2220, 12.7104



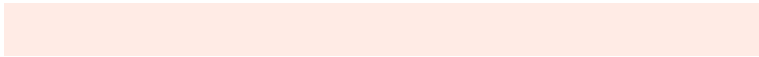
240.2960, -5.5689, 12.8954



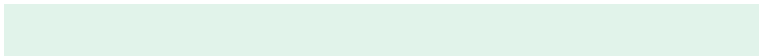
239.5190, -7.1579, 9.1918

Triad

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



240.2960, -5.5689, 12.8954



236.5920, -1.2779, -10.1662



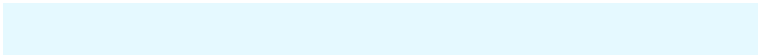
239.5140, 7.1416, -3.9588

Complementary

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



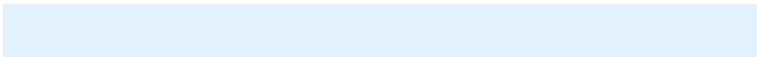
240.2960, -5.5689, 12.8954



243.7040, 5.5689, -12.8954

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.



238.1820, 7.3053, -9.8066



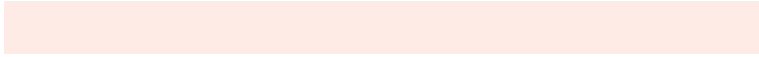
240.2960, -5.5689, 12.8954



236.8950, 2.5168, -13.9399

Square

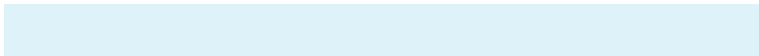
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.2960, -5.5689, 12.8954



237.7130, -4.7885, -4.1333



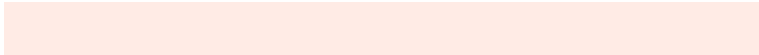
237.4050, 5.7163, -13.5102



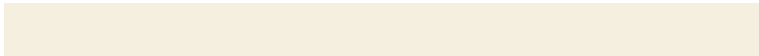
240.2870, 4.7885, 4.1333

Rectangle

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



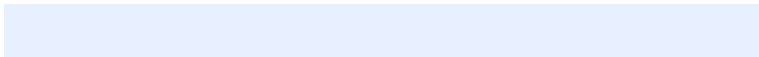
240.2960, -5.5689, 12.8954



239.0840, -7.4364, 5.1883



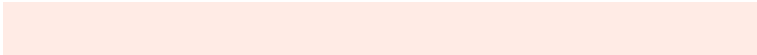
237.4050, 5.7163, -13.5102



238.6170, 7.5838, -5.8031

Sweetspot

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



240.2960, -5.5689, 12.8954



250.5660, -1.7580, 3.8886



239.0540, 4.9034, 13.9846



124.9680, -1.4632, 2.6591



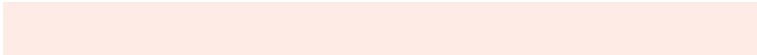
0.0000, 0.0000, 0.0000



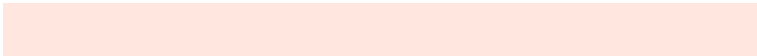
128.0000, 0.0000, 0.0000

Same Dimension

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



240.2960, -5.5689, 12.8954



237.3780, -6.5954, 15.4545



247.9270, -9.3310, 6.2030



120.6480, -2.7845, 6.4477



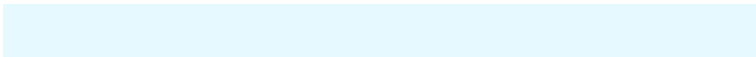
82.9370, -40.8879, 94.7713



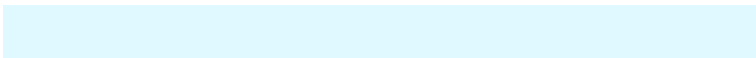
27.9410, -13.7749, 31.6237

Inverse Universe

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



243.7040, 5.5689, -12.8954



241.6220, 6.5954, -15.4545



236.0730, 9.3310, -6.2030



122.3520, 2.7845, -6.4477



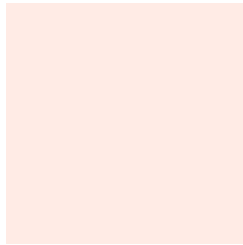
108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 240.2960, -5.5689, 12.8954 looks on a white background.

Color Contrast Check

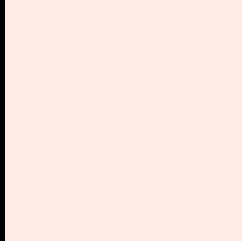
Large Text (above 18pt) WCAG AA × Fail

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 240.2960, -5.5689, 12.8954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

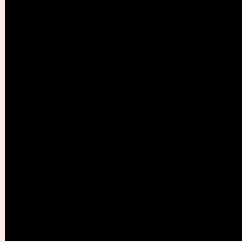
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

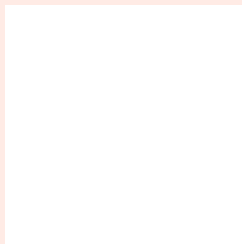
Any Text WCAG AAA ✓ Pass

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

YUV 240.2960, -5.5689, 12.8954 Background



This preview shows how black text looks on a background with the YUV color 240.2960, -5.5689, 12.8954.



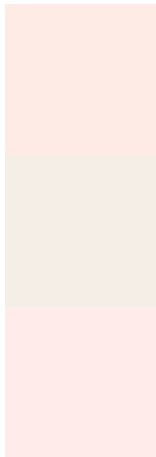
This preview shows how white text looks on a background with the YUV color 240.2960, -5.5689,

12.8954.

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

240.2960, -5.5689, 12.8954

Protanopia

239.2950, -4.0894, 5.0033

Deuteranopia

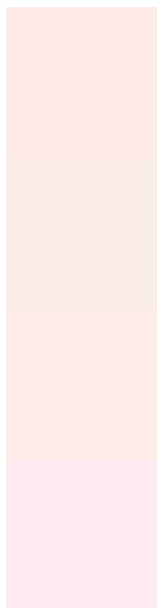
240.8660, -3.3849, 12.3955



Tritanopia

241.2880, 3.3090, 12.0254

Trichromacy



Original Color

240.2960, -5.5689, 12.8954

Protanomaly

239.7900, -4.8265, 8.0772

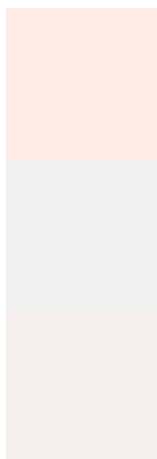
Deuteranomaly

240.6380, -4.2585, 12.5955

Tritanomaly

241.0770, -0.0380, 12.2105

Monochromacy



Original Color

240.2960, -5.5689, 12.8954

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.2960, -5.5689, 12.8954 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, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 229)  
}
```

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, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 229) }
```

Border

The CSS property to change the border of an element to YUV 240.2960, -5.5689, 12.8954 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, 235, 229) }
```


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

```
.border{ border-color:rgb(255, 235, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 240.2960, -5.5689, 12.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 229) }
```

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

```
.background{ background-color: rgb(255,  
235, 229) }
```

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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