

Converting Colors

YUV(240.4810, -9.6041, 0.4552)

Have a look what the booklet for
YUV(240.4810, -9.6041, 0.4552)
contains.

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Color

**YUV(240.4810, -9.6041,
0.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F4DD
RGB	241, 244, 221
RGB Percent	95%, 96%, 87%
CMY	0.0549, 0.0431, 0.1333
CMYK	0.01, 0.00, 0.09, 0.04
HSL	68°, 51%, 91%
HSV	68°, 9%, 96%
XYZ	81.6775, 88.6226, 81.2076
YIQ	240.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

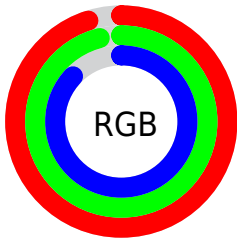
Format	Color
R _Y B	221, 244, 224
Decimal	15856861
CIE Lab	95.42, -4.91, 10.73
CIE LCh	95, 11.802, 114.569
Yxy	88.6226, 0.3248, 0.3524
Android (android.graphics.Color)	4294046941 (0xFFFF1F4DD)
YUV	240.4810, -9.6041, 0.4552
Hunter-Lab	94.1396, -9.8739, 14.7524

Details

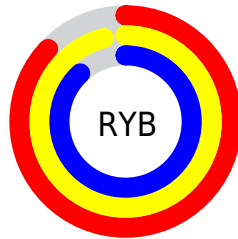
The YUV color $240.4810, -9.6041, 0.4552$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $224.5190, 9.6041, -0.4552$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.5950, -9.1673, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $236.8480, -19.6451, 1.0103$, and if you desaturate by 10%, it is $244.1140, 0.4368, -0.1000$.

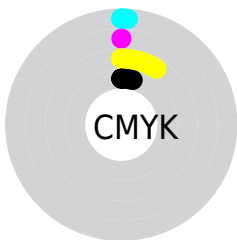
Distribution



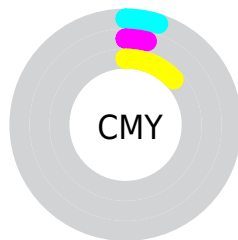
- Red (95%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4810, -9.6041, 0.4552 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 240.4810, -9.6041, 0.4552 by changing the saturation by 10% instead.

■ 240.4810, -9.6041,
0.4552

■ 240.4810, -9.6041,
0.4552

255.0000, 0.0000,
0.0000

■ 212.4810, -9.6041,
0.4552

■ 184.5950, -9.1673,
0.3552

■ 157.7090, -8.7305,
0.2552

■ 131.7090, -8.7305,
0.2552

■ 106.2360, -8.0043,
0.6700

■ 81.9370, -7.8569,
0.0553

■ 59.0510, -7.4201,

-0.0447

■ 37.1650, -6.9833,
-0.1447

■ 16.5240, -8.1463,
-0.4595

■ 240.4810, -9.6041,
0.4552

■ 240.4810, -9.6041,
0.4552

■ 236.8480,
-19.6451, 1.0103

■ 244.1140, 0.4368,
-0.1000

■ 233.1010,
-30.1228, 1.6654

■ 246.1510, 4.3626,
0.7446

■ 229.1690,
-40.0163, 1.6058

■ 247.3470, 3.7729,
3.2037

■ 225.4220,
-50.4940, 2.2609

■ 248.2440, 3.3307,
5.0480

■ 221.7890,
-60.5350, 2.8160

■ 248.5430, 3.1833,
5.6628

■ 218.1560,
-70.5759, 3.3712

■ 214.4090,
-81.0536, 4.0263

■ 210.7760,
-91.0946, 4.5814

■ 206.7300,
-101.4249, 4.6218

Harmonies

Analogous

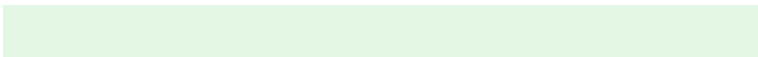
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7920, -11.2365, 10.7064



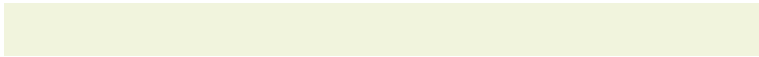
240.4810, -9.6041, 0.4552



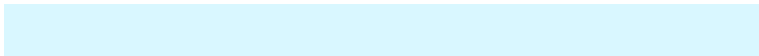
239.1530, -5.4984, -9.7812

Triad

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



240.4810, -9.6041, 0.4552



238.9420, 7.9166, -19.2431



241.4190, 1.2724, 11.9105

Complementary

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



240.4810, -9.6041, 0.4552



224.5190, 9.6041, -0.4552

Split Complementary

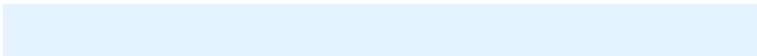
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.8470, 5.4984, 9.7812



240.4810, -9.6041, 0.4552



239.8830, 7.4527, -10.4214

Square

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



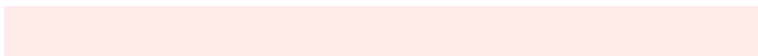
240.4810, -9.6041, 0.4552



238.1760, 6.3222, -21.2024



242.3080, 6.2572, -0.2701



240.7520, -3.8217, 12.4955

Rectangle

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



240.4810, -9.6041, 0.4552



238.4450, -1.6984, -15.2993



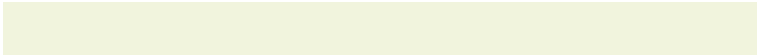
242.3080, 6.2572, -0.2701



242.4620, 2.7302, 10.9958

Sweetspot

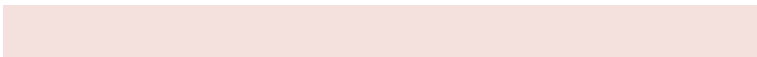
The Sweet Spot groups the original color and five complimentary colors.



240.4810, -9.6041, 0.4552



253.7890, -3.3470, 0.1850



229.6380, -4.2585, 12.5955



127.0170, -2.4734, -0.0149



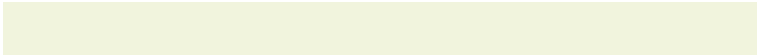
0.0000, 0.0000, 0.0000



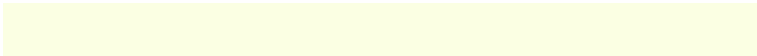
128.0000, 0.0000, 0.0000

Same Dimension

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



240.4810, -9.6041, 0.4552



250.6120, -11.6407, 0.3403



237.1920, -7.9827, -6.3074



120.3330, -5.0942, 0.5850



157.6200, -77.7067, 3.8413



49.8820, -24.5918, 0.9805

Inverse Universe

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



224.5190, 9.6041, -0.4552



231.3880, 11.6407, -0.3403



227.8080, 7.9827, 6.3074



111.9660, 4.9468, 0.0298



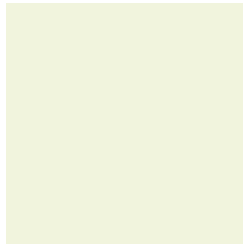
28.3800, 77.7067, -3.8413



9.1180, 24.5918, -0.9805

Previews

White Background



This preview shows how the YUV color 240.4810, -9.6041, 0.4552 looks on a white background.

Color Contrast Check

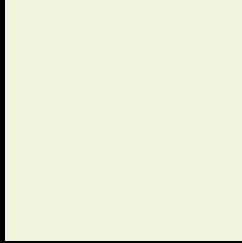
Large Text (above 18pt) WCAG AA × Fail

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 240.4810, -9.6041, 0.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

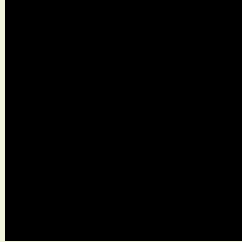
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

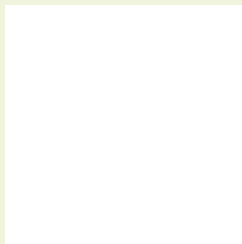
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.4810, -9.6041, 0.4552

Background



This preview shows how black text looks on a background with the YUV color 240.4810, -9.6041, 0.4552.



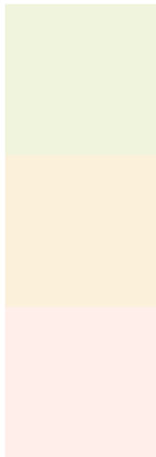
This preview shows how white text looks on a background with the YUV color 240.4810, -9.6041,

0.4552.

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

240.4810, -9.6041, 0.4552

Protanopia

241.4820, -11.0836, 8.3473

Deuteranopia

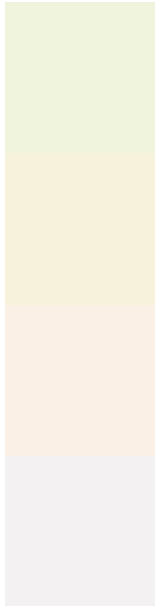
242.6270, -4.2531, 10.8511



Tritanopia

242.9170, 5.9569, 2.7038

Trichromacy



Original Color

240.4810, -9.6041, 0.4552

Protanomaly

240.9870, -10.3466, 5.2734

Deuteranomaly

241.7360, -6.2788, 7.2475

Tritanomaly

242.1250, 0.4314, 1.6444

Monochromacy



Original Color

240.4810, -9.6041, 0.4552

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4810, -9.6041, 0.4552 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(241, 244, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 221)  
}
```

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(241, 244, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 221) }
```

Border

The CSS property to change the border of an element to YUV 240.4810, -9.6041, 0.4552 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(241, 244, 221) }
```


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

```
.border{ border-color:rgb(241, 244, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 240.4810, -9.6041, 0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 221) }
```

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

```
.background{ background-color: rgb(241,  
244, 221) }
```

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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