

Converting Colors

YUV(240.6410, 1.1630, 0.3148)

Have a look what the booklet for
YUV(240.6410, 1.1630, 0.3148)
contains.

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Color

**YUV(240.6410, 1.1630,
0.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0F3
RGB	241, 240, 243
RGB Percent	95%, 94%, 95%
CMY	0.0549, 0.0588, 0.0471
CMYK	0.01, 0.01, 0.00, 0.05
HSL	260°, 11%, 95%
HSV	260°, 1%, 95%
XYZ	83.6134, 87.4920, 97.2748
YIQ	240.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

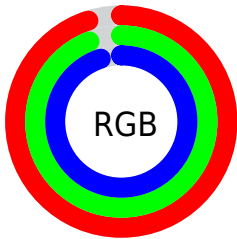
Format	Color
R _Y B	241, 240, 243
Decimal	15855859
CIE _{Lab}	94.95, 0.87, -1.34
CIE _{LCh}	95, 1.595, 303.071
Y _{xy}	87.4920, 0.3115, 0.3260
Android (android.graphics.Color)	4294045939 (0xFFFF1F0F3)
Y _{UV}	240.6410, 1.1630, 0.3148
Hunter-Lab	93.5372, -4.1279, 3.8169

Details

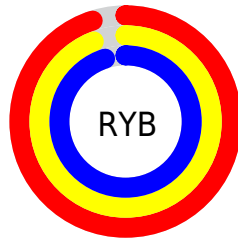
The YUV color `240.6410, 1.1630, 0.3148` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242.3590, -1.1630, -0.3148`, and the grayscale version is `241.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.6410, 1.1630, 0.3148` is the 20% darker color. If you saturate the color by 10%, you get `221.7690, 10.4669, 2.8336`, and if you desaturate by 10%, it is `253.6320, -5.2416, 1.1997`.

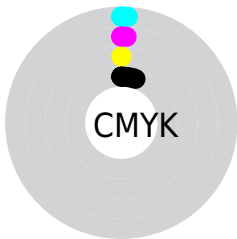
Distribution



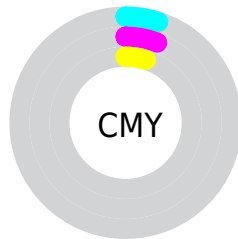
- Red (95%)
- Green (94%)
- Blue (95%)



- Red (95%)
- Yellow (94%)
- Blue (95%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 240.6410, 1.1630, 0.3148 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 240.6410, 1.1630, 0.3148 by changing the saturation by 10% instead.


 240.6410, 1.1630,
0.3148


 240.6410, 1.1630,
0.3148


255.0000, 0.0000,
0.0000


 212.6410, 1.1630,
0.3148

 184.6410, 1.1630,
0.3148

 157.6410, 1.1630,
0.3148

 131.6410, 1.1630,
0.3148

 106.6410, 1.1630,
0.3148

 82.5270, 0.7262,
0.4148

 59.5270, 0.7262,

0.4148

■ 37.5270, 0.7262,
0.4148

■ 16.6410, 1.1630,
0.3148

■ 240.6410, 1.1630,
0.3148

■ 240.6410, 1.1630,
0.3148

■ 221.7690, 10.4669,
2.8336

■ 253.6320, -5.2416,
1.1997

■ 202.3100, 20.0602,
5.8671

■ 183.1390, 29.5115,
7.7711

■ 164.2670, 38.8154,
10.2898

■ 144.8080, 48.4087,
13.3234

■ 125.9360, 57.7126,
15.8421

■ 107.0640, 67.0164,
18.3609

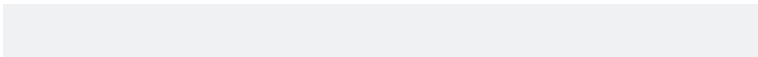
■ 87.8930, 76.4678,
20.2648

■ 68.4340, 86.0610,
23.2984

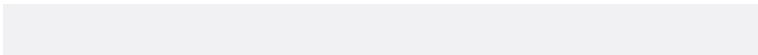
Harmonies

Analogous

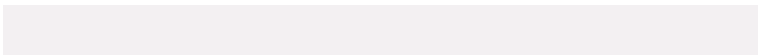
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6300, 1.1684, -1.4295



240.6410, 1.1630, 0.3148



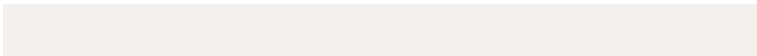
241.1250, 0.4314, 1.6444

Triad

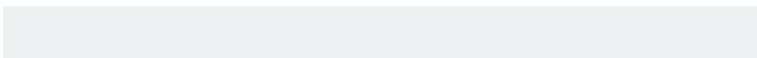
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.6410, 1.1630, 0.3148



240.6690, -1.3158, 2.0443



239.8040, 0.5896, -2.4591

Complementary

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



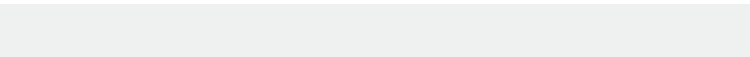
240.6410, 1.1630, 0.3148



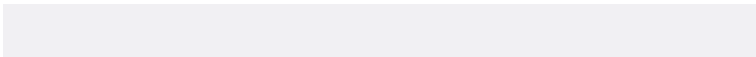
242.3590, -1.1630, -0.3148

Split Complementary

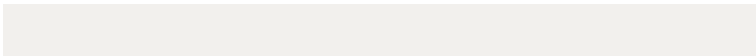
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.8750, -0.4314, -1.6444



240.6410, 1.1630, 0.3148



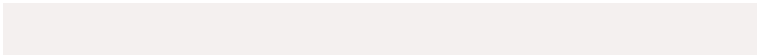
240.2560, -1.6052, 1.5295

Square

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



240.6410, 1.1630, 0.3148



241.0820, -1.0264, 2.5591



240.3590, -1.1630, -0.3148



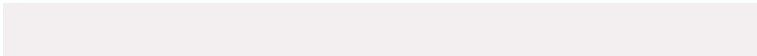
239.9180, 1.0264, -2.5591

Rectangle

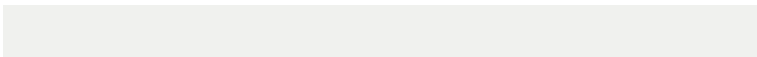
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



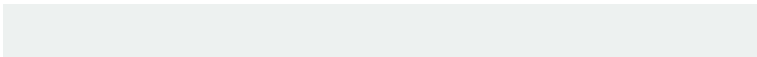
240.6410, 1.1630, 0.3148



240.4240, 0.2840, 2.2592



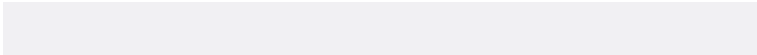
240.3590, -1.1630, -0.3148



239.6900, 0.1528, -2.3591

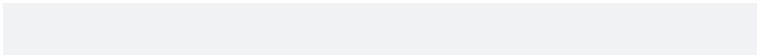
Sweetspot

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



240.6410, 1.1630, 0.3148

255.0000, 0.0000, 0.0000



241.5160, 0.7316, -1.3295



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

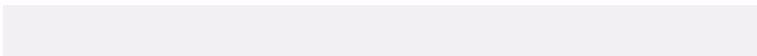
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6410, 1.1630, 0.3148



252.6410, 1.1630, 0.3148



240.9400, 1.0156, 0.9296



121.4130, 0.2894, 0.5148



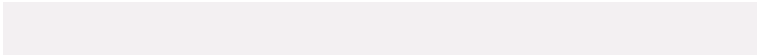
39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Inverse Universe

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



241.1250, 0.4314, 1.6444



253.1250, 0.4314, 1.6444



241.7610, -0.8682, -1.5444



121.4130, 0.2894, 0.5148



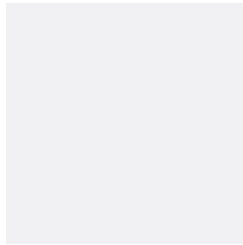
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 240.6410, 1.1630, 0.3148 looks on a white background.

Color Contrast Check

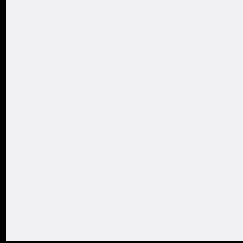
Large Text (above 18pt) WCAG AA × Fail

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 240.6410, 1.1630, 0.3148 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

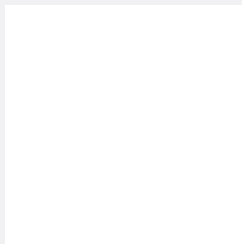
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.6410, 1.1630, 0.3148

Background



This preview shows how black text looks on a background with the YUV color 240.6410, 1.1630, 0.3148.



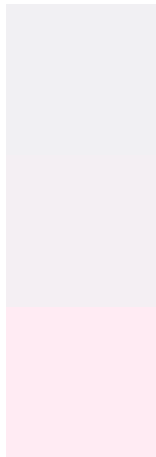
This preview shows how white text looks on a background with the YUV color 240.6410, 1.1630,

0.3148.

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

240.6410, 1.1630, 0.3148

Protanopia

240.9510, 1.0102, 2.6740

Deuteranopia

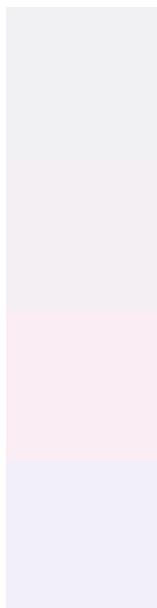
241.8920, 0.5462, 11.4957



Tritanopia

241.4330, 6.6885, 1.3743

Trichromacy



Original Color

240.6410, 1.1630, 0.3148

Protanomaly

240.6520, 1.1576, 2.0592

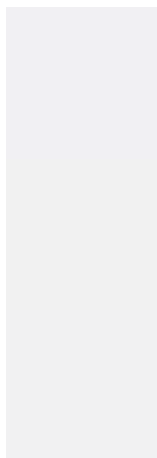
Deuteranomaly

241.5710, 0.7045, 7.3922

Tritanomaly

241.2650, 4.7994, 0.6446

Monochromacy



Original Color

240.6410, 1.1630, 0.3148

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.6410, 1.1630, 0.3148 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, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 243)  
}
```

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, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 243) }
```

Border

The CSS property to change the border of an element to YUV 240.6410, 1.1630, 0.3148 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, 240, 243) }
```

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

```
.border{ border-color:rgb(241, 240, 243) }
```

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

Here you see how a box with a 4 pixel rgb(241, 240, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 240.6410, 1.1630, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 243) }
```

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

```
.background{ background-color: rgb(241,  
240, 243) }
```

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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