

Converting Colors

YUV(242.3740, 6.2246, 10.1960)

Have a look what the booklet for
YUV(242.3740, 6.2246, 10.1960)
contains.

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Color

**YUV(242.3740, 6.2246,
10.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEAFF
RGB	254, 234, 255
RGB Percent	100%, 92%, 100%
CMY	0.0039, 0.0824, 0.0000
CMYK	0.00, 0.08, 0.00, 0.00
HSL	297°, 100%, 96%
HSV	297°, 8%, 100%
XYZ	88.3459, 87.1365, 106.7704
YIQ	242.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

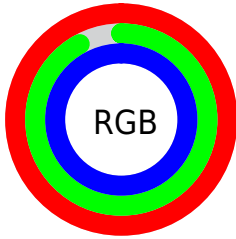
Format	Color
R_{YB}	254, 234, 255
Decimal	16706303
CIE _{Lab}	94.80, 10.39, -7.67
CIE _{LCh}	95, 12.916, 323.570
Yxy	87.1365, 0.3130, 0.3087
Android (android.graphics.Color)	4294896383 (0xFFFEAAFF)
YUV	242.3740, 6.2246, 10.1960
Hunter-Lab	93.3469, 5.5798, -2.4732

Details

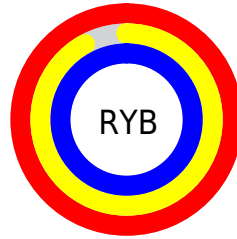
The YUV color `242.3740, 6.2246, 10.1960` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.6260, -6.2246, -10.1960`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `185.9610, 5.9352, 9.6812` is the 20% darker color. If you saturate the color by 10%, you get `227.4000, 13.6068, 22.4512`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

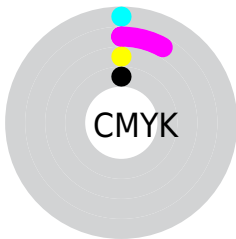
Distribution



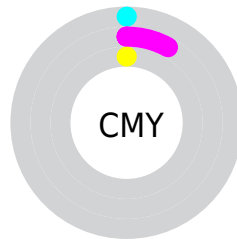
- Red (100%)
- Green (92%)
- Blue (100%)



- Red (100%)
- Yellow (92%)
- Blue (100%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.3740, 6.2246, 10.1960 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 242.3740, 6.2246, 10.1960 by changing the saturation by 10% instead.

 242.3740, 6.2246,
10.1960

 242.3740, 6.2246,
10.1960


255.0000, 0.0000,
0.0000


 213.9610, 5.9352,
9.6812

 185.9610, 5.9352,
9.6812

 159.5480, 5.6458,
9.1664

 133.2490, 5.7932,
8.5516

 108.1350, 5.3564,
8.6516

 83.7220, 5.0671,
8.1368

 60.4230, 5.2145,

7.5220

■ 38.3090, 4.7777,
7.6220

■ 17.0210, 4.9196,
8.7516

■ 242.3740, 6.2246,
10.1960

■ 242.3740, 6.2246,
10.1960

■ 227.4000, 13.6068,
22.4512

255.0000, 0.0000,
0.0000

■ 211.8390, 21.2784,
35.2212

■ 195.9790, 29.0974,
47.3764

■ 181.0050, 36.4795,
59.6316

■ 165.4440, 44.1511,
72.4016

■ 150.4700, 51.5333,
84.6568

■ 135.4960, 58.9155,
96.9120

■ 119.6360, 66.7345,
109.0672

■ 104.6620, 74.1166,
121.3224

Harmonies

Analogous

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



240.2370, 7.2782, -1.0848



242.3740, 6.2246, 10.1960



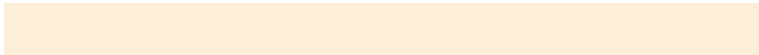
240.1310, 1.4144, 13.0401

Triad

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



242.3740, 6.2246, 10.1960



239.8630, -12.2575, 11.5211



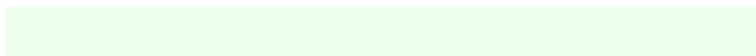
235.8660, 6.4751, -23.5615

Complementary

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



242.3740, 6.2246, 10.1960



246.6260, -6.2246, -10.1960

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.



235.9930, 0.4965, -19.2879



242.3740, 6.2246, 10.1960



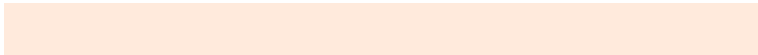
238.5520, -10.6251, 1.2699

Square

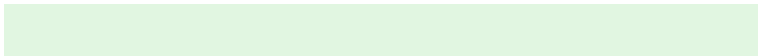
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.3740, 6.2246, 10.1960



238.6830, -9.2107, 14.3100



237.3270, -6.0772, -10.8108



236.5720, 9.0850, -20.6726

Rectangle

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



242.3740, 6.2246, 10.1960



239.2190, -2.0800, 13.8399



237.3270, -6.0772, -10.8108



236.2960, 4.2911, -23.0616

Sweetspot

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



242.3740, 6.2246, 10.1960



252.0650, 1.4470, 2.5740



236.9810, 8.8834, -2.6143



125.9400, 1.0156, 0.9296



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.



242.3740, 6.2246, 10.1960



240.0260, 7.3822, 12.2552



241.6470, 2.1460, 11.7106



120.0700, 3.9095, 6.0776



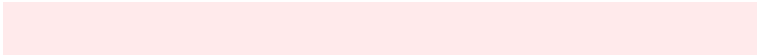
76.1920, 56.6003, 92.7936



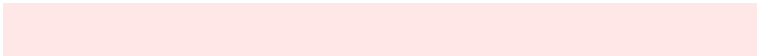
25.5350, 18.9632, 31.1028

Inverse Universe

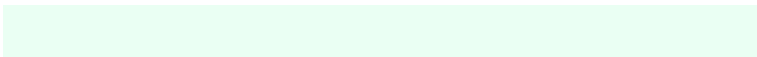
The Inverse Universe completely reimagines the original color for something new.



240.3930, -2.6587, 12.8103



237.5890, -3.2484, 15.2694



247.3530, -2.1460, -11.7106



118.8870, -1.9163, 7.9921



58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 242.3740, 6.2246, 10.1960 looks on a white background.

Color Contrast Check

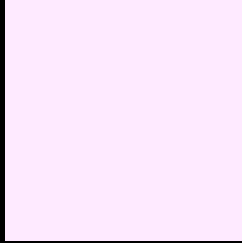
Large Text (above 18pt) WCAG AA × Fail

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 242.3740, 6.2246, 10.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

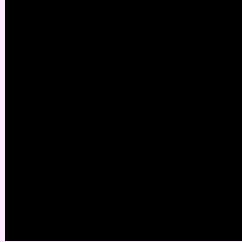
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.3740, 6.2246, 10.1960

Background



This preview shows how black text looks on a background with the YUV color 242.3740, 6.2246, 10.1960.

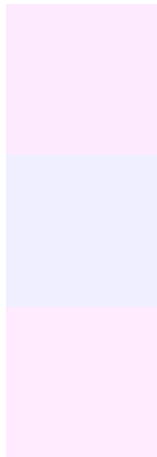


This preview shows how white text looks on a background with the YUV color 242.3740, 6.2246, 10.1960.

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

242.3740, 6.2246, 10.1960

Protanopia

240.8240, 6.9888, -1.5996

Deuteranopia

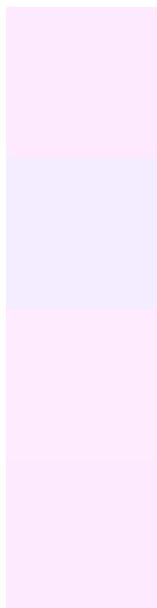
242.5590, 5.6404, 10.9108



Tritanopia

242.1460, 5.3510, 10.3960

Trichromacy



Original Color

242.3740, 6.2246, 10.1960

Protanomaly

241.1450, 6.8305, 2.5038

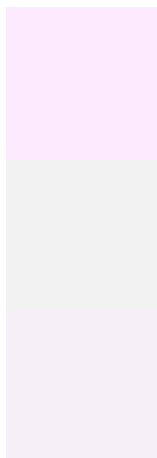
Deuteranomaly

242.5590, 5.6404, 10.9108

Tritanomaly

242.2600, 5.7878, 10.2960

Monochromacy



Original Color

242.3740, 6.2246, 10.1960

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.3740, 6.2246, 10.1960 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(254, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 255)  
}
```

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(254, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.3740, 6.2246, 10.1960 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(254, 234, 255) }
```


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

```
.border{ border-color:rgb(254, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.3740, 6.2246, 10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 255) }
```

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

```
.background{ background-color: rgb(254,  
234, 255) }
```

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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