

Converting Colors

YUV(242.0860, 6.3666, 11.3256)

Have a look what the booklet for
YUV(242.0860, 6.3666, 11.3256)
contains.

YUV(242.0860, 6.3666, 11.3256)	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(242.0860, 6.3666,
11.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9FF
RGB	255, 233, 255
RGB Percent	100%, 91%, 100%
CMY	0.0000, 0.0863, 0.0000
CMYK	0.00, 0.09, 0.00, 0.00
HSL	300°, 100%, 96%
HSV	300°, 9%, 100%
XYZ	88.4289, 86.7578, 106.6930
YIQ	242.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 233, 255
Decimal	16771583
CIE Lab	94.64, 11.24, -7.90
CIE LCh	95, 13.736, 324.896
Yxy	86.7578, 0.3137, 0.3078
Android (android.graphics.Color)	4294961663 (0xFFFFE9FF)
YUV	242.0860, 6.3666, 11.3256
Hunter-Lab	93.1439, 6.4625, -2.7138

Details

The YUV color $242.0860, 6.3666, 11.3256$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.9140, -6.3666, -11.3256$, 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 $185.6730, 6.0772, 10.8108$ is the 20% darker color. If you saturate the color by 10%, you get $227.4110, 13.6014, 24.1956$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



- Red (100%)
- Green (91%)
- Blue (100%)



- Red (100%)
- Yellow (91%)
- Blue (100%)



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




- Cyan (0%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0860, 6.3666, 11.3256 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 242.0860, 6.3666, 11.3256 by changing the saturation by 10% instead.


 242.0860, 6.3666,
11.3256


 242.0860, 6.3666,
11.3256

255.0000, 0.0000,
0.0000


 213.6730, 6.0772,
10.8108

 185.6730, 6.0772,
10.8108

 159.2600, 5.7878,
10.2960

 132.9610, 5.9352,
9.6812

 107.8470, 5.4984,
9.7812

 83.4340, 5.2090,
9.2664

 60.1350, 5.3564,

8.6516

■ 38.3090, 4.7777,
7.6220

■ 16.4340, 5.2090,
9.2664

■ 242.0860, 6.3666,
11.3256

■ 242.0860, 6.3666,
11.3256

■ 227.4110, 13.6014,
24.1956

255.0000, 0.0000,
0.0000

■ 212.1490, 21.1255,
37.5803

■ 196.8870, 28.6497,
50.9651

■ 182.2120, 35.8845,
63.8351

■ 167.5370, 43.1193,
76.7051

■ 152.2750, 50.6434,
90.0898

■ 137.6000, 57.8782,
102.9598

■ 122.3380, 65.4024,
116.3446

■ 107.6630, 72.6371,
129.2145

Harmonies

Analogous

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



239.9490, 7.4201, 0.0447



242.0860, 6.3666, 11.3256



239.4300, 1.2670, 13.6549

Triad

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



242.0860, 6.3666, 11.3256



239.6350, -13.1311, 11.7211



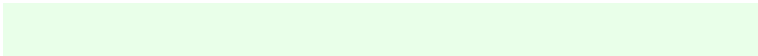
235.0830, 7.3541, -25.5058

Complementary

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



242.0860, 6.3666, 11.3256



245.9140, -6.3666, -11.3256

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.



235.0960, 0.9387, -21.1322



242.0860, 6.3666, 11.3256



237.7260, -11.2039, 0.2403

Square

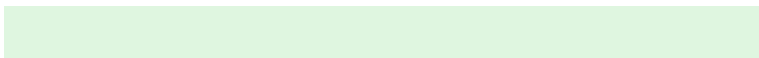
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.0860, 6.3666, 11.3256



238.4550, -10.0843, 14.5100



236.6150, -6.2192, -11.9404



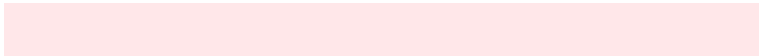
235.9740, 9.3798, -21.9022

Rectangle

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



242.0860, 6.3666, 11.3256



238.4040, -2.6642, 14.5547



236.6150, -6.2192, -11.9404



235.5130, 5.1701, -25.0059

Sweetspot

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



242.0860, 6.3666, 11.3256



250.3040, 2.3151, 4.1184



235.5080, 9.6096, -2.1995



124.4780, 1.7363, 3.0888



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.



242.0860, 6.3666, 11.3256



240.3250, 7.2348, 12.8700



240.8320, 1.5618, 12.4253



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



242.0860, 6.3666, 11.3256



240.3250, 7.2348, 12.8700



247.1680, -1.5618, -12.4253



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 242.0860, 6.3666, 11.3256 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 242.0860, 6.3666, 11.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

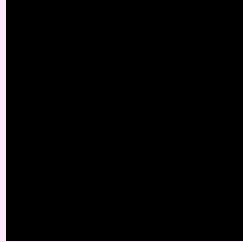
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

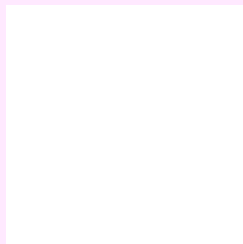
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0860, 6.3666, 11.3256

Background



This preview shows how black text looks on a background with the YUV color 242.0860, 6.3666, 11.3256.



This preview shows how white text looks on a background with the YUV color 242.0860, 6.3666,

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

242.0860, 6.3666, 11.3256

Protanopia

240.2370, 7.2782, -1.0848

Deuteranopia

241.9720, 5.9298, 11.4256



Tritanopia

242.3310, 4.7668, 11.1107

Trichromacy



Original Color

242.0860, 6.3666, 11.3256

Protanomaly

240.8570, 6.9725, 3.6334

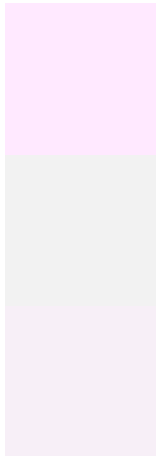
Deuteranomaly

241.9720, 5.9298, 11.4256

Tritanomaly

242.4450, 5.2036, 11.0107

Monochromacy



Original Color

242.0860, 6.3666, 11.3256

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0860, 6.3666, 11.3256 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 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(255, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.0860, 6.3666, 11.3256 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, 233, 255) }
```


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

```
.border{ border-color:rgb(255, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.0860, 6.3666, 11.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 255) }
```

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

```
.background{ background-color: rgb(255,  
233, 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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