

Converting Colors

YUV(242.6140, -18.0507,
2.9695)

Have a look what the booklet for
YUV(242.6140, -18.0507, 2.9695)
contains.

YUV(242.6140, -18.0507, 2.9695)	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(242.6140, -18.0507,
2.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F8CE
RGB	246, 248, 206
RGB Percent	96%, 97%, 81%
CMY	0.0353, 0.0275, 0.1922
CMYK	0.01, 0.00, 0.17, 0.03
HSL	63°, 75%, 89%
HSV	63°, 17%, 97%
XYZ	82.7140, 91.1839, 71.6333
YIQ	242.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

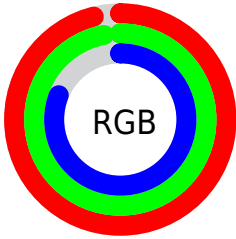
Format	Color
R_{YB}	206, 248, 208
Decimal	16185550
CIE _{Lab}	96.49, -7.49, 19.99
CIE _{LCh}	96, 21.351, 110.530
Yxy	91.1839, 0.3369, 0.3714
Android (android.graphics.Color)	4294375630 (0xFFFF6F8CE)
YUV	242.6140, -18.0507, 2.9695
Hunter-Lab	95.4902, -12.4905, 22.3660

Details

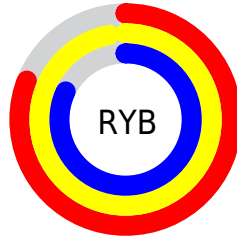
The YUV color $242.6140, -18.0507, 2.9695$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.3860, 18.0507, -2.9695$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.5430, -17.0297, 2.1548$ is the 20% darker color. If you saturate the color by 10%, you get $239.4650, -28.8232, 4.8542$, and if you desaturate by 10%, it is $245.7630, -7.2782, 1.0848$.

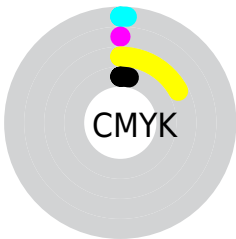
Distribution



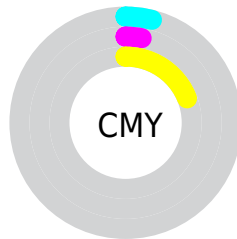
- Red (96%)
- Green (97%)
- Blue (81%)



- Red (81%)
- Yellow (97%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6140, -18.0507, 2.9695 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 242.6140, -18.0507, 2.9695 by changing the saturation by 10% instead.

■ 242.6140,
-18.0507, 2.9695

■ 242.6140,
-18.0507, 2.9695

255.0000, 0.0000,
0.0000

■ 213.7280,
-17.6139, 2.8695

■ 186.5430,
-17.0297, 2.1548

■ 159.6570,
-16.5929, 2.0548

■ 133.0700,
-16.3035, 2.5696

■ 107.8850,
-15.7193, 1.8549

■ 83.1130, -14.8457,
1.6549

■ 60.2270, -14.4089,

1.5549

■ 37.9280, -14.2615,
0.9401

■ 18.2850, -9.0145,
-2.0039

■ 242.6140,
-18.0507, 2.9695

■ 242.6140,
-18.0507, 2.9695

■ 239.4650,
-28.8232, 4.8542

■ 245.7630, -7.2782,
1.0848

■ 236.3160,
-39.5958, 6.7389

■ 248.7980, 3.0576,
-0.6998

■ 232.9820,
-49.7841, 7.9088

■ 249.3960, 2.7628,
0.5297

■ 229.8330,
-60.5567, 9.7935

■ 249.6950, 2.6154,
1.1445

■ 226.6840,
-71.3292, 11.6781

■ 249.9940, 2.4680,
1.7593

■ 223.5350,
-82.1018, 13.5628

■ 250.2930, 2.3206,
2.3740

■ 220.3860,
-92.8743, 15.4475

■ 250.5920, 2.1731,
2.9888

■ 217.3510,
-103.2100, 17.2322

■ 250.8910, 2.0257,
3.6036

■ 216.1400,
-106.5570, 17.4172

Harmonies

Analogous

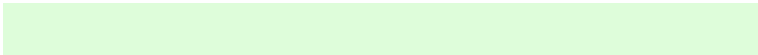
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9680, -18.2252, 12.3061



242.6140, -18.0507, 2.9695



239.7410, -10.7183, -15.5589

Triad

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



242.6140, -18.0507, 2.9695



236.4730, 9.1338, -36.3718



240.5700, 5.6350, 12.6551

Complementary

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



242.6140, -18.0507, 2.9695



211.3860, 18.0507, -2.9695

Split Complementary

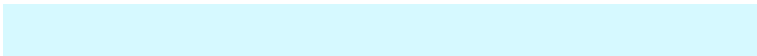
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.7878, 10.2960



242.6140, -18.0507, 2.9695



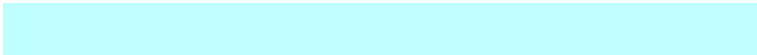
239.2190, 7.7800, -22.1171

Square

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



242.6140, -18.0507, 2.9695



235.8640, 9.4340, -39.3457



242.8840, 5.9732, -2.5293



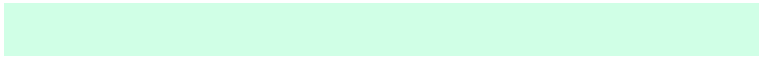
238.1760, -3.5378, 14.7546

Rectangle

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



242.6140, -18.0507, 2.9695



238.0970, -3.9918, -26.3951



242.8840, 5.9732, -2.5293



241.4990, 6.6560, 11.8404

Sweetspot

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



242.6140, -18.0507, 2.9695



253.2190, -5.5310, 0.6849



219.1450, -6.4805, 25.3058



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

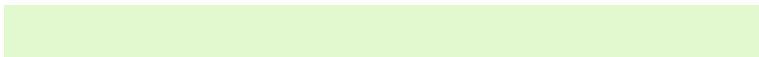
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6140, -18.0507, 2.9695



248.5880, -21.9819, 3.8693



236.6340, -15.1026, -9.3260



123.2190, -5.5310, 0.6849



164.7630, -81.2282, 13.3628



53.1490, -26.2025, 4.2543

Inverse Universe

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



211.3860, 18.0507, -2.9695



210.4120, 21.9819, -3.8693



217.3660, 15.1026, 9.3260



113.7810, 5.5310, -0.6849



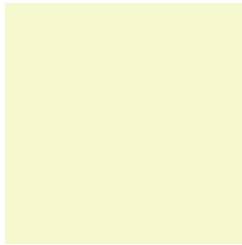
24.2370, 81.2282, -13.3628



7.8510, 26.2025, -4.2543

Previews

White Background



This preview shows how the YUV color 242.6140, -18.0507, 2.9695 looks on a white background.

Color Contrast Check

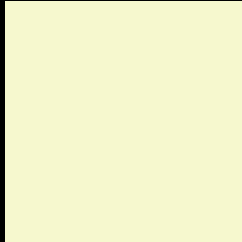
Large Text (above 18pt) WCAG AA × Fail

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 242.6140, -18.0507, 2.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

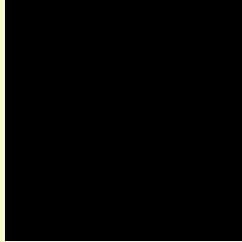
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.6140, -18.0507, 2.9695

Background



This preview shows how black text looks on a background with the YUV color 242.6140, -18.0507, 2.9695.



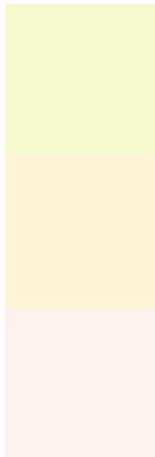
This preview shows how white text looks on a background with the YUV color 242.6140, -18.0507,

2.9695.

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

242.6140, -18.0507, 2.9695

Protanopia

243.9830, -14.2886, 9.6619

Deuteranopia

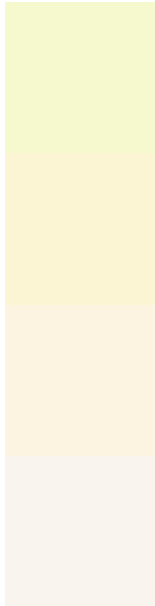
245.2030, -4.5371, 8.5920



Tritanopia

246.1730, 4.3517, 4.2333

Trichromacy



Original Color

242.6140, -18.0507, 2.9695

Protanomaly

243.3310, -15.4462, 7.6027

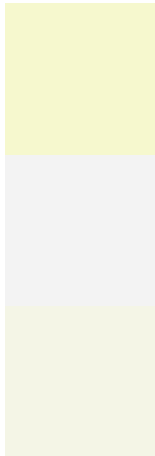
Deuteranomaly

244.2260, -9.4784, 6.8178

Tritanomaly

244.6970, -3.7946, 3.7737

Monochromacy



Original Color

242.6140, -18.0507, 2.9695

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6140, -18.0507, 2.9695 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(246, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 206)  
}
```

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(246, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 206) }
```

Border

The CSS property to change the border of an element to YUV 242.6140, -18.0507, 2.9695 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(246, 248, 206) }
```


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

```
.border{ border-color:rgb(246, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 242.6140, -18.0507, 2.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 206) }
```

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

```
.background{ background-color: rgb(246,  
248, 206) }
```

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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