

Converting Colors

YUV(247.2090, -10.4560,
-6.3223)

Have a look what the booklet for
YUV(247.2090, -10.4560, -6.3223)
contains.

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Color

**YUV(247.2090, -10.4560,
-6.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFE2
RGB	240, 255, 226
RGB Percent	94%, 100%, 89%
CMY	0.0588, 0.0000, 0.1137
CMYK	0.06, 0.00, 0.11, 0.00
HSL	91°, 100%, 94%
HSV	91°, 11%, 100%
XYZ	85.4226, 95.5363, 85.8896
YIQ	247.2090, 0.3690, -12.1990

Conversions

Conversions Part 2

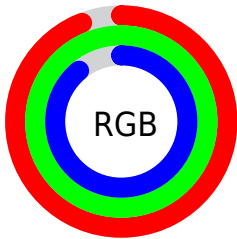
Format	Color
R_{YB}	226, 255, 241
Decimal	15794146
CIE Lab	98.25, -9.93, 12.18
CIE LCh	98, 15.716, 129.173
Yxy	95.5363, 0.3201, 0.3580
Android (android.graphics.Color)	4293984226 (0xFFFF0FFE2)
YUV	247.2090, -10.4560, -6.3223
Hunter-Lab	97.7426, -15.0487, 16.3198

Details

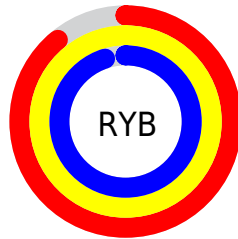
The YUV color $247.2090, -10.4560, -6.3223$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $233.7910, 10.4560, 6.3223$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.7360, -9.7298, -5.9075$ is the 20% darker color. If you saturate the color by 10%, you get $240.4720, -19.4597, -11.8149$, and if you desaturate by 10%, it is $253.9460, -1.4524, -0.8296$.

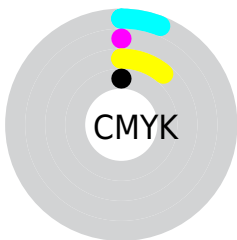
Distribution



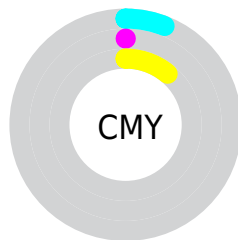
- Red (94%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.2090, -10.4560, -6.3223 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 247.2090, -10.4560, -6.3223 by changing the saturation by 10% instead.

247.2090,
-10.4560, -6.3223

247.2090,
-10.4560, -6.3223

255.0000, 0.0000,
0.0000

218.6220,
-10.1666, -5.8075

190.7360, -9.7298,
-5.9075

163.7360, -9.7298,
-5.9075

137.1490, -9.4405,
-5.3927

112.2630, -9.0037,
-5.4927

87.3770, -8.5669,
-5.5926

63.9040, -7.8407,

-5.1778

■ 42.0180, -7.4039,
-5.2778

■ 20.9320, -10.3195,
-3.4484

■ 247.2090,
-10.4560, -6.3223

■ 247.2090,
-10.4560, -6.3223

■ 240.4720,
-19.4597, -11.8149

■ 253.9460, -1.4524,
-0.8296

■ 233.6210,
-28.9002, -17.2076

255.0000, 0.0000,
0.0000

■ 226.4710,
-38.1932, -23.2151

■ 219.7340,
-47.1969, -28.7077

■ 212.8830,
-56.6373, -34.1004

■ 206.1460,
-65.6410, -39.5930

■ 199.4090,
-74.6446, -45.0857

■ 192.2590,
-83.9377, -51.0931

■ 186.4620,
-91.9258, -55.6562

Harmonies

Analogous

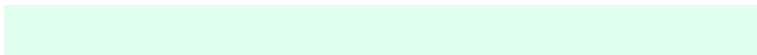
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.0750, -13.8410, 6.0732



247.2090, -10.4560, -6.3223



243.9070, -2.4192, -17.4584

Triad

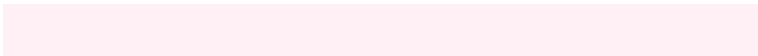
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.2090, -10.4560, -6.3223



244.5460, 5.1538, -19.7728



245.1690, 0.4097, 8.6218

Complementary

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



247.2090, -10.4560, -6.3223



233.7910, 10.4560, 6.3223

Split Complementary

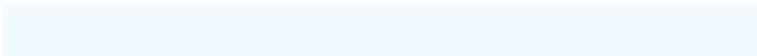
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 4.0515, 7.2072



247.2090, -10.4560, -6.3223



247.5800, 3.6581, -6.6477

Square

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



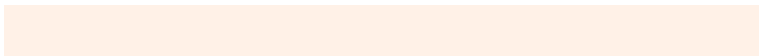
247.2090, -10.4560, -6.3223



242.1430, 6.3385, -26.4354



249.1300, 2.8939, 5.1480



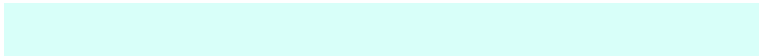
244.0460, -6.4317, 9.6067

Rectangle

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



247.2090, -10.4560, -6.3223



242.6550, 3.1281, -23.3764



249.1300, 2.8939, 5.1480



245.7390, 2.5937, 8.1219

Sweetspot

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



247.2090, -10.4560, -6.3223



252.8920, -2.9048, -1.6593



243.4760, -8.6157, 10.1065



126.4190, -2.1786, -1.2445



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

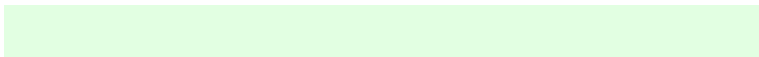
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.2090, -10.4560, -6.3223



245.5140, -13.0714, -7.4668



243.0230, -8.3923, -14.9292



124.4250, -4.6465, -3.0037



139.6250, -68.8351, -41.7671



46.8370, -23.0906, -13.8890

Inverse Universe

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



233.7910, 10.4560, 6.3223



228.7850, 12.9240, 8.0816



237.9770, 8.3923, 14.9292



118.2760, 4.7939, 2.3889



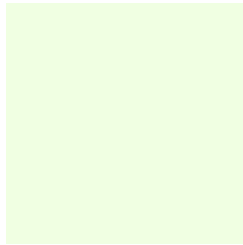
51.3750, 68.8351, 41.7671



17.1630, 23.0906, 13.8890

Previews

White Background



This preview shows how the YUV color 247.2090, -10.4560, -6.3223 looks on a white background.

Color Contrast Check

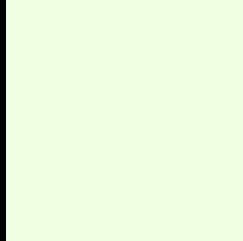
Large Text (above 18pt) WCAG AA × Fail

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 247.2090, -10.4560, -6.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

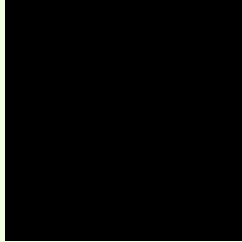
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

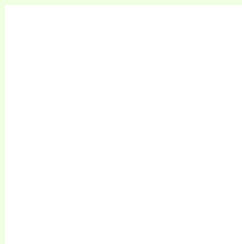
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.2090, -10.4560, -6.3223

Background



This preview shows how black text looks on a background with the YUV color 247.2090, -10.4560, -6.3223.



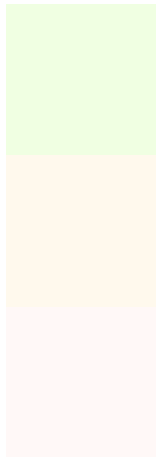
This preview shows how white text looks on a background with the YUV color 247.2090, -10.4560, -6.3223.

-6.323.

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

247.2090, -10.4560, -6.3223

Protanopia

249.4260, -6.1260, 4.8884

Deuteranopia

249.9790, -1.4686, 4.4034

Tritanopia

250.2710, 2.3314, -1.1147

Trichromacy



Original Color

247.2090, -10.4560, -6.3223

Protanomaly

248.6490, -7.7150, 1.1848

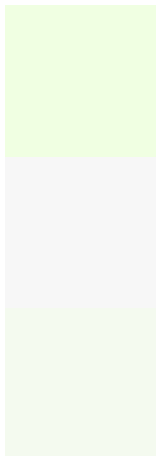
Deuteranomaly

249.3330, -5.0942, 0.5850

Tritanomaly

249.2940, -2.6099, -2.8888

Monochromacy



Original Color

247.2090, -10.4560, -6.3223

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.2090, -10.4560, -6.3223 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(240, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 226)  
}
```

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(240, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 226) }
```

Border

The CSS property to change the border of an element to YUV 247.2090, -10.4560, -6.3223 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(240, 255, 226) }
```


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

```
.border{ border-color:rgb(240, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 247.2090, -10.4560, -6.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 226) }
```

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

```
.background{ background-color: rgb(240,  
255, 226) }
```

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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