

Converting Colors

YUV(244.0000, -36.9750,
6.1390)

Have a look what the booklet for
YUV(244.0000, -36.9750, 6.1390)
contains.

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Color

**YUV(244.0000, -36.9750,
6.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFA9
RGB	251, 255, 169
RGB Percent	98%, 100%, 66%
CMY	0.0157, 0.0000, 0.3373
CMYK	0.02, 0.00, 0.34, 0.00
HSL	63°, 100%, 83%
HSV	63°, 34%, 100%
XYZ	82.7051, 94.8938, 51.4934
YIQ	244.0000, 25.2220, -27.5940

Conversions

Conversions Part 2

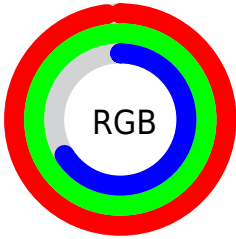
Format	Color
RYB	169, 255, 173
Decimal	16514985
CIELab	97.99, -13.99, 40.71
CIElCh	98, 43.052, 108.967
Yxy	94.8938, 0.3610, 0.4142
Android (android.graphics.Color)	4294705065 (0xFFFBFFA9)
YUV	244.0000, -36.9750, 6.1390
Hunter-Lab	97.4134, -18.9251, 36.8483

Details

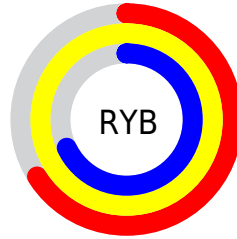
The YUV color **244.0000, -36.9750, 6.1390** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **180.0000, 36.9750, -6.1390**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5800, -13.1039, 2.9993**, and **187.1570, -35.0804, 5.1243** is the 20% darker color. If you saturate the color by 10%, you get **240.8510, -47.7475, 8.0237**, and if you desaturate by 10%, it is **247.2630, -25.7657, 4.1543**.

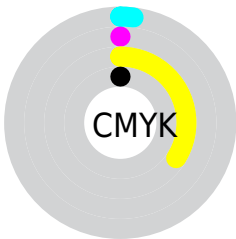
Distribution



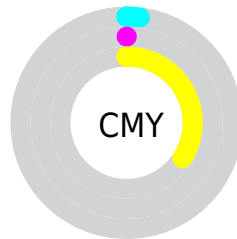
- Red (98%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.0000, -36.9750, 6.1390 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 244.0000, -36.9750, 6.1390 by changing the saturation by 10% instead.

244.0000,
-36.9750, 6.1390

244.0000,
-36.9750, 6.1390

255.0000, 0.0000,
0.0000

215.2280,
-36.1014, 5.9390

251.5800,
-13.1039, 2.9993

187.1570,
-35.0804, 5.1243

254.8860, -0.4368,
0.1000

159.9720,
-34.4962, 4.4096

133.7870,
-33.9120, 3.6948

108.0150,
-33.0384, 3.4948

82.4880, -33.7646,
3.0800

59.9160, -29.5386,

0.9507

■ 39.2390, -19.3448,
-1.9636

■ 18.8280, -9.2822,
-9.4962

■ 244.0000,
-36.9750, 6.1390

■ 244.0000,
-36.9750, 6.1390

■ 240.8510,
-47.7475, 8.0237

■ 247.2630,
-25.7657, 4.1543

■ 237.5880,
-58.9569, 10.0083

■ 250.4120,
-14.9931, 2.2697

■ 234.1400,
-69.5820, 11.2782

■ 253.9740, -3.9312,
0.8998

■ 230.8770,
-80.7914, 13.2629

■ 255.0000, 0.0000,
0.0000

■ 227.7280,
-91.5639, 15.1475

■ 224.4650,
-102.7732, 17.1322

■ 222.3420,
-109.6146, 18.1171

Harmonies

Analogous

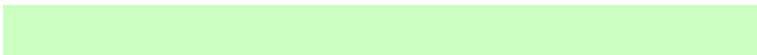
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7500, -34.3867, 16.0053



244.0000, -36.9750, 6.1390



232.3840, -19.4163, -25.7698

Triad

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



244.0000, -36.9750, 6.1390



213.4390, 20.4896, -85.4540



233.8680, 10.4181, 18.5328

Complementary

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



244.0000, -36.9750, 6.1390



180.0000, 36.9750, -6.1390

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.



239.7380, 7.5242, 13.3848



244.0000, -36.9750, 6.1390



229.2860, 12.6770, -52.8708

Square

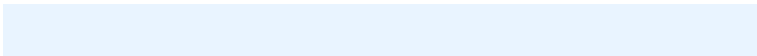
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.0000, -36.9750, 6.1390



212.2430, 21.0792, -87.9131



241.9650, 6.4263, -7.8623



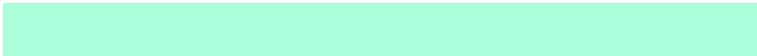
230.3340, -3.1227, 21.6321

Rectangle

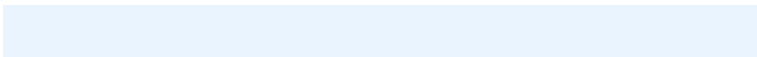
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.0000, -36.9750, 6.1390



225.3670, -3.6319, -48.5569



241.9650, 6.4263, -7.8623



235.6290, 9.5499, 16.9884

Sweetspot

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



244.0000, -36.9750, 6.1390



251.8510, -10.7725, 1.8847



196.4750, -13.5452, 51.3264



125.8770, -6.8414, 0.9849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

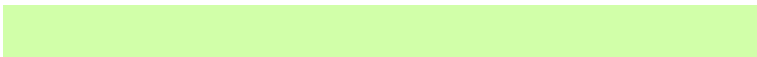
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0000, -36.9750, 6.1390



241.8770, -43.8164, 7.1239



231.4420, -30.7839, -19.6816



126.2190, -5.5310, 0.6849



166.5350, -82.1018, 13.5628



55.8070, -27.5129, 4.5543

Inverse Universe

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



180.0000, 36.9750, -6.1390



166.1230, 43.8164, -7.1239



192.5580, 30.7839, 19.6816



116.4820, 5.6784, -1.2997



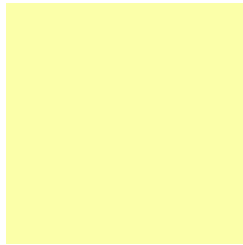
24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 244.0000, -36.9750, 6.1390 looks on a white background.

Color Contrast Check

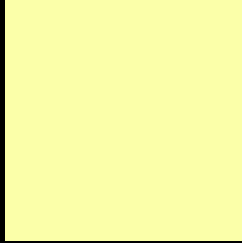
Large Text (above 18pt) WCAG AA × Fail

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 244.0000, -36.9750, 6.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

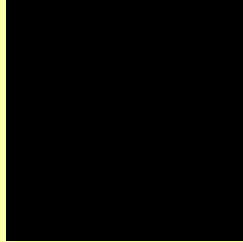
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.0000, -36.9750, 6.1390

Background



This preview shows how black text looks on a background with the YUV color 244.0000, -36.9750, 6.1390.

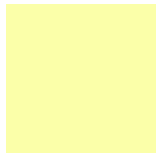


This preview shows how white text looks on a background with the YUV color 244.0000, -36.9750, 6.1390.

Color Blindness Simulation

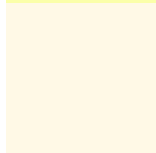
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



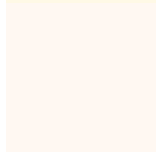
Original Color

244.0000, -36.9750, 6.1390



Protanopia

248.6280, -9.1836, 5.5882



Deuteranopia

249.4090, -3.6526, 4.9033

Tritanopia

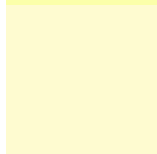
250.3040, 2.3151, 4.1184

Trichromacy



Original Color

244.0000, -36.9750, 6.1390



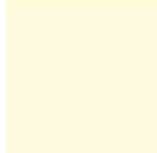
Protanomaly

246.9950, -19.2245, 6.1434



Deuteranomaly

247.7930, -16.1669, 5.4435



Tritanomaly

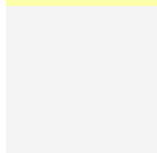
248.2320, -11.9464, 5.0585

Monochromacy



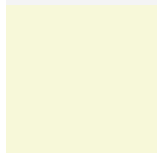
Original Color

244.0000, -36.9750, 6.1390



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

244.1670, -13.3933, 2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.0000, -36.9750, 6.1390 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(251, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 169)  
}
```

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(251, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 169) }
```

Border

The CSS property to change the border of an element to YUV 244.0000, -36.9750, 6.1390 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(251, 255, 169) }
```


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

```
.border{ border-color:rgb(251, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 244.0000, -36.9750, 6.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 169) }
```

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

```
.background{ background-color: rgb(251,  
255, 169) }
```

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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