

Converting Colors

YUV(223.6810, -16.6047,
-40.9392)

Have a look what the booklet for
YUV(223.6810, -16.6047, -40.9392)
contains.

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Color

**YUV(223.6810, -16.6047,
-40.9392)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FEBE
RGB	177, 254, 190
RGB Percent	69%, 100%, 75%
CMY	0.3059, 0.0039, 0.2549
CMYK	0.30, 0.00, 0.25, 0.00
HSL	130°, 97%, 85%
HSV	130°, 30%, 100%
XYZ	62.8675, 83.9484, 61.6054
YIQ	223.6810, -25.3480, -36.2280

Conversions

Conversions Part 2

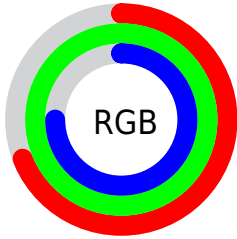
Format	Color
RYB	177, 243, 254
Decimal	11665086
CIELab	93.43, -36.03, 23.25
CIELCh	93, 42.879, 147.163
Yxy	83.9484, 0.3016, 0.4028
Android (android.graphics.Color)	4289855166 (0xFFB1FEBE)
YUV	223.6810, -16.6047, -40.9392
Hunter-Lab	91.6234, -37.8628, 24.2712

Details

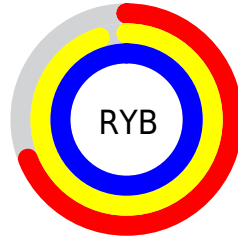
The YUV color $223.6810, -16.6047, -40.9392$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $207.3190, 16.6047, 40.9392$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8090, -0.3988, -12.1105$, and $167.6210, -15.5892, -40.0096$ is the 20% darker color. If you saturate the color by 10%, you get $213.8120, -22.0923, -54.2091$, and if you desaturate by 10%, it is $233.5500, -11.1171, -27.6693$.

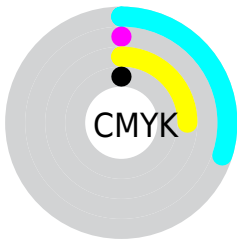
Distribution



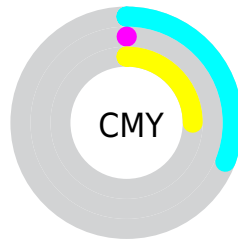
- Red (69%)
- Green (100%)
- Blue (75%)



- Red (69%)
- Yellow (95%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.6810, -16.6047, -40.9392 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 223.6810, -16.6047, -40.9392 by changing the saturation by 10% instead.

■ 223.6810,
-16.6047, -40.9392

■ 223.6810,
-16.6047, -40.9392

255.0000, 0.0000,
0.0000

■ 195.2080,
-15.8785, -40.5244

■ 247.8090, -0.3988,
-12.1105

■ 167.6210,
-15.5892, -40.0096

■ 140.2620,
-14.4262, -39.6948

■ 114.3760,
-13.9894, -39.7948

■ 88.0060, -12.8210,
-41.2243

■ 59.4720, -9.5997,
-47.7719

■ 41.3810, -11.5268,

-36.2911

■ 25.8280, -12.7332,
-22.6512

■ 11.7400, -5.7878,
-10.2960

■ 223.6810,
-16.6047, -40.9392

■ 223.6810,
-16.6047, -40.9392

■ 213.8120,
-22.0923, -54.2091

■ 233.5500,
-11.1171, -27.6693

■ 203.6440,
-27.4325, -68.0938

■ 243.7180, -5.7770,
-13.7847

■ 193.7750,
-32.9201, -81.3637

■ 253.5870, -0.2894,
-0.5148

■ 183.6070,
-38.2603, -95.2483

■ 254.4130, 0.2894,
0.5148

■ 173.6240,
-44.1846, -108.4182

■ 163.7550,
-49.6722, -121.6881

■ 154.0000,
-54.7230, -135.0580

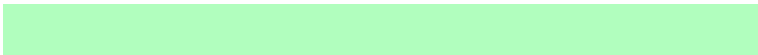
Harmonies

Analogous

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



229.4440, -33.7429, -3.8974



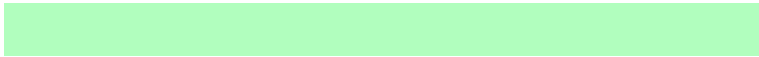
223.6810, -16.6047, -40.9392



213.9920, 8.3849, -76.2920

Triad

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



223.6810, -16.6047, -40.9392



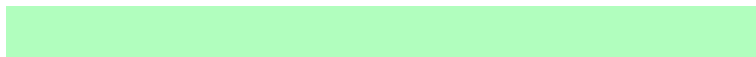
222.2640, 16.1388, -43.2045



220.5540, -10.1331, 30.2091

Complementary

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



223.6810, -16.6047, -40.9392



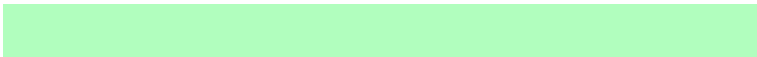
207.3190, 16.6047, 40.9392

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.



224.1680, 8.7912, 27.0397



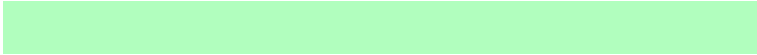
223.6810, -16.6047, -40.9392



232.8830, 10.9037, 2.7336

Square

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



223.6810, -16.6047, -40.9392



210.4820, 21.9474, -86.3687



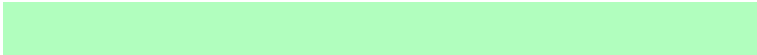
230.3460, 12.1544, 21.6216



223.3630, -27.2940, 27.7456

Rectangle

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



223.6810, -16.6047, -40.9392



208.3560, 22.9955, -95.9052



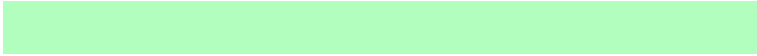
230.3460, 12.1544, 21.6216



220.9760, -3.4392, 29.8390

Sweetspot

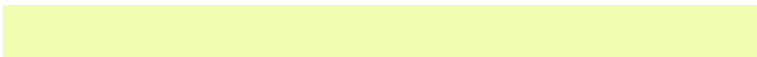
The Sweet Spot groups the original color and five complimentary colors.



223.6810, -16.6047, -40.9392



245.9570, -4.9088, -12.2403



241.3350, -31.7172, -0.2938



122.1470, -3.0305, -8.0219



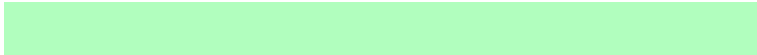
0.0000, 0.0000, 0.0000



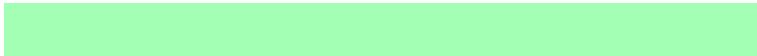
128.0000, 0.0000, 0.0000

Same Dimension

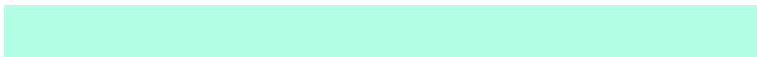
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.6810, -16.6047, -40.9392



218.8280, -19.6352, -48.9612



228.0130, -0.0064, -44.7384



122.8590, -2.8885, -6.8923



115.7650, -41.2961, -101.5259



38.8220, -13.7162, -34.0469

Inverse Universe

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



207.3190, 16.6047, 40.9392



199.2860, 20.0720, 48.8612



202.9870, 0.0064, 44.7384



120.0270, 2.4517, 6.9923



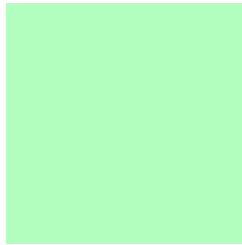
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 223.6810, -16.6047, -40.9392 looks on a white background.

Color Contrast Check

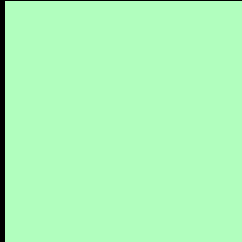
Large Text (above 18pt) WCAG AA × Fail

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 223.6810, -16.6047, -40.9392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

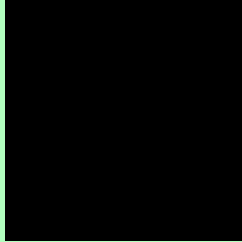
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

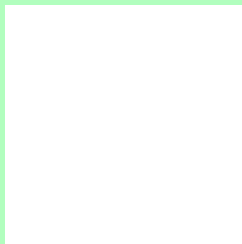
Any Text WCAG AAA ✓ Pass

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

YUV 223.6810, -16.6047, -40.9392 Background



This preview shows how black text looks on a background with the YUV color 223.6810, -16.6047, -40.9392.



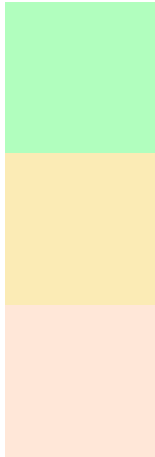
This preview shows how white text looks on a background with the YUV color 223.6810, -16.6047, -40.9392.

-40.9392.

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

223.6810, -16.6047, -40.9392

Protanopia

233.6280, -25.9456, 15.2352

Deuteranopia

236.4660, -10.0897, 16.2543



Tritanopia

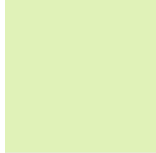
232.4300, 11.1270, -22.3021

Trichromacy



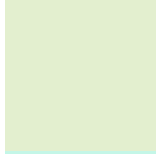
Original Color

223.6810, -16.6047, -40.9392



Protanomaly

230.0060, -22.6810, -5.2673



Deuteranomaly

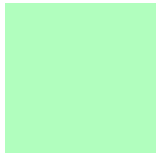
231.7640, -12.2087, -4.1780



Tritanomaly

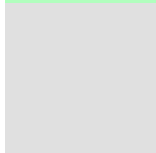
229.3400, 0.8184, -29.2392

Monochromacy



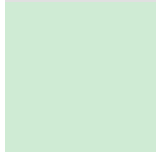
Original Color

223.6810, -16.6047, -40.9392



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

224.0060, -5.9190, -14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.6810, -16.6047, -40.9392 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(177, 254, 190)` looks like.

```
.text, #text, p{  
    color:rgb(177, 254, 190)  
}
```

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(177, 254, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 254, 190) }
```

Border

The CSS property to change the border of an element to YUV 223.6810, -16.6047, -40.9392 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(177, 254, 190) }
```


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

```
.border{ border-color:rgb(177, 254, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 254, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 254, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 254, 190); box-shadow:4px 4px 4px 4px rgb(177, 254, 190) }
```

Background

The CSS property to change the background color of an element to YUV 223.6810, -16.6047, -40.9392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 254, 190) }
```

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

```
.background{ background-color: rgb(177,  
254, 190) }
```

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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