

Converting Colors

YUV(203.3080, -24.3088,
-43.2431)

Have a look what the booklet for
YUV(203.3080, -24.3088, -43.2431)
contains.

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Color

**YUV(203.3080, -24.3088,
-43.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEE9A
RGB	154, 238, 154
RGB Percent	60%, 93%, 60%
CMY	0.3961, 0.0667, 0.3961
CMYK	0.35, 0.00, 0.35, 0.07
HSL	120°, 71%, 77%
HSV	120°, 35%, 93%
XYZ	49.7337, 70.3522, 41.5299
YIQ	203.3080, -23.1000, -43.9320

Conversions

Conversions Part 2

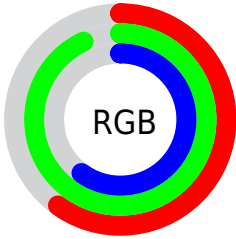
Format	Color
RYB	154, 238, 238
Decimal	10153626
CIELab	87.17, -41.79, 32.84
CIELCh	87, 53.143, 141.840
Yxy	70.3522, 0.3077, 0.4353
Android (android.graphics.Color)	4288343706 (0xFF9AEE9A)
YUV	203.3080, -24.3088, -43.2431
Hunter-Lab	83.8762, -40.9433, 29.3569

Details

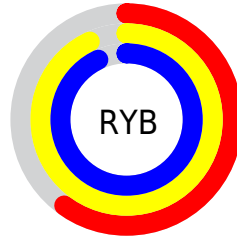
The YUV color $203.3080, -24.3088, -43.2431$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $188.6920, 24.3088, 43.2431$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.6000, -13.6068, -22.4512$, and $148.0630, -22.7091, -43.0283$ is the 20% darker color. If you saturate the color by 10%, you get $193.3960, -31.2542, -55.5983$, and if you desaturate by 10%, it is $213.2200, -17.3635, -30.8879$.

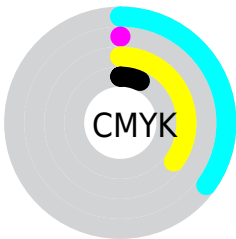
Distribution



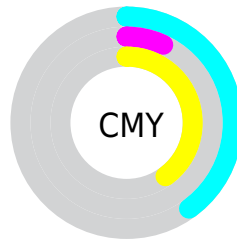
- Red (60%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3080, -24.3088, -43.2431 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 203.3080, -24.3088, -43.2431 by changing the saturation by 10% instead.

■ 203.3080,
-24.3088, -43.2431

■ 203.3080,
-24.3088, -43.2431

■ 255.0000, 0.0000,
0.0000

■ 174.9490,
-23.1459, -42.9283

■ 236.6000,
-13.6068, -22.4512

■ 148.0630,
-22.7091, -43.0283

■ 248.5770, -5.2145,
-7.5220

■ 120.4050,
-21.3987, -43.3282

■ 93.7360, -20.0828,
-45.3725

■ 63.4790, -16.9981,
-54.7941

■ 45.6550, -20.5359,
-40.0394

■ 31.1110, -15.3377,

-27.2843

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 203.3080,
-24.3088, -43.2431

■ 203.3080,
-24.3088, -43.2431

■ 193.3960,
-31.2542, -55.5983

■ 213.2200,
-17.3635, -30.8879

■ 183.4840,
-38.1996, -67.9535

■ 223.1320,
-10.4181, -18.5328

■ 173.9850,
-44.8556, -79.7938

■ 232.6310, -3.7621,
-6.6924

■ 164.0730,
-51.8010, -92.1490

■ 242.5430, 3.1833,
5.6628

■ 154.1610,
-58.7464, -104.5042

■ 245.0210, 4.9196,
8.7516

■ 144.2490,
-65.6918, -116.8594

■ 139.7060,
-68.8751, -122.5222

Harmonies

Analogous

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



210.8440, -43.8001, 1.8908



203.3080, -24.3088, -43.2431



188.3820, 6.7137, -100.3130

Triad

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



203.3080, -24.3088, -43.2431



194.8990, 29.6298, -77.0874



202.7670, -9.7451, 45.8083

Complementary

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



203.3080, -24.3088, -43.2431



188.6920, 24.3088, 43.2431

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.



207.9940, 12.8210, 41.2243



203.3080, -24.3088, -43.2431



212.7380, 20.8352, -9.4172

Square

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



203.3080, -24.3088, -43.2431



169.3630, 42.2190, -148.5314



218.0190, 18.2316, 32.4323



205.6100, -31.8527, 43.3150

Rectangle

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



203.3080, -24.3088, -43.2431



170.8330, 32.6203, -149.8205



218.0190, 18.2316, 32.4323



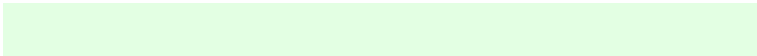
203.5310, -1.7408, 45.1383

Sweetspot

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



203.3080, -24.3088, -43.2431



243.4360, -8.1029, -14.4144



228.4240, -36.6910, 8.3982



120.9790, -4.9196, -8.7516



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.



203.3080, -24.3088, -43.2431



210.8090, -30.9648, -55.0835



208.0960, -5.9633, -47.4422



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287

Inverse Universe

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



188.6920, 24.3088, 43.2431



192.1910, 30.9648, 55.0835



183.9040, 5.9633, 47.4422



112.9560, 3.4727, 6.1776



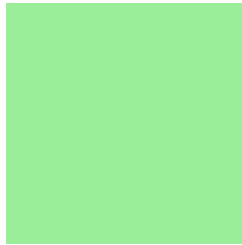
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 203.3080, -24.3088, -43.2431 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 203.3080, -24.3088, -43.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

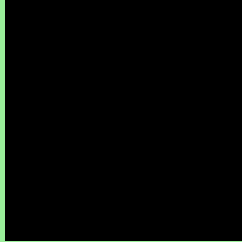
Any Text WCAG AA ✓ Pass

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 203.3080, -24.3088, -43.2431 Background



This preview shows how black text looks on a background with the YUV color 203.3080, -24.3088, -43.2431.



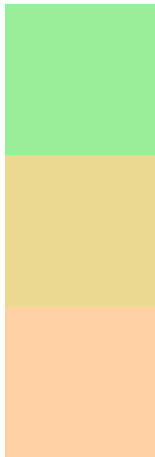
This preview shows how white text looks on a background with the YUV color 203.3080, -24.3088, -43.2431.

-43.2431.

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

203.3080, -24.3088, -43.2431

Protanopia

214.4730, -34.2502, 18.8792

Deuteranopia

217.6240, -26.4366, 32.7788



Tritanopia

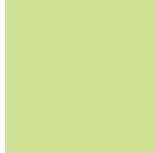
212.3080, 16.1172, -36.2271

Trichromacy



Original Color

203.3080, -24.3088, -43.2431



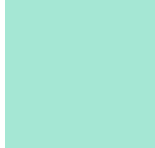
Protanomaly

210.5410, -30.8327, -3.9825



Deuteranomaly

212.5620, -25.9131, 4.7691



Tritanomaly

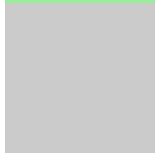
209.1000, 1.4297, -38.6757

Monochromacy



Original Color

203.3080, -24.3088, -43.2431



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1970, -8.9711, -15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3080, -24.3088, -43.2431 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(154, 238, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 238, 154)  
}
```

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(154, 238, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 238, 154) }
```

Border

The CSS property to change the border of an element to YUV 203.3080, -24.3088, -43.2431 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(154, 238, 154) }
```


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

```
.border{ border-color:rgb(154, 238, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 238, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 238, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 238, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 238,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 203.3080, -24.3088, -43.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 238, 154) }
```

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

```
.background{ background-color: rgb(154,  
238, 154) }
```

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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