

Converting Colors

YUV(204.6760, -19.0673,
-44.4429)

Have a look what the booklet for
YUV(204.6760, -19.0673, -44.4429)
contains.

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Color

**YUV(204.6760, -19.0673,
-44.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEEA6
RGB	154, 238, 166
RGB Percent	60%, 93%, 65%
CMY	0.3961, 0.0667, 0.3490
CMYK	0.35, 0.00, 0.30, 0.07
HSL	129°, 71%, 77%
HSV	129°, 35%, 93%
XYZ	50.7839, 70.7723, 47.0602
YIQ	204.6760, -26.9520, -40.2000

Conversions

Conversions Part 2

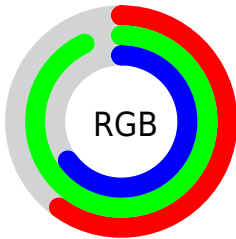
Format	Color
RYB	154, 228, 238
Decimal	10153638
CIELab	87.37, -39.85, 27.02
CIELCh	87, 48.147, 145.866
Yxy	70.7723, 0.3012, 0.4197
Android (android.graphics.Color)	4288343718 (0xFF9AEEA6)
YUV	204.6760, -19.0673, -44.4429
Hunter-Lab	84.1263, -39.4671, 25.7216

Details

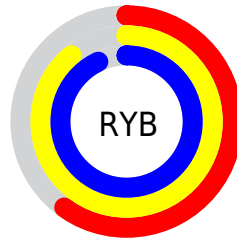
The YUV color **204.6760, -19.0673, -44.4429** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **187.3240, 19.0673, 44.4429**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9680, -8.3652, -23.6509**, and **149.4310, -17.4675, -44.2280** is the 20% darker color. If you saturate the color by 10%, you get **195.2200, -24.2655, -57.1979**, and if you desaturate by 10%, it is **214.1320, -13.8691, -31.6878**.

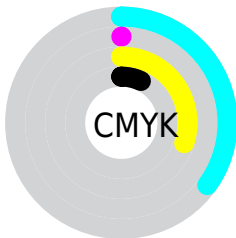
Distribution



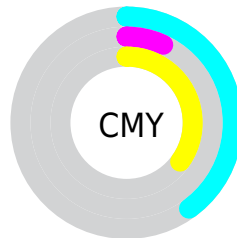
- Red (60%)
- Green (93%)
- Blue (65%)



- Red (60%)
- Yellow (89%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6760, -19.0673, -44.4429 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 204.6760, -19.0673, -44.4429 by changing the saturation by 10% instead.

■ 204.6760,
-19.0673, -44.4429

■ 204.6760,
-19.0673, -44.4429

255.0000, 0.0000,
0.0000

■ 176.2030,
-18.3411, -44.0280

■ 237.9680, -8.3652,
-23.6509

■ 149.4310,
-17.4675, -44.2280

■ 249.9450, 0.0271,
-8.7218

■ 122.0720,
-16.3045, -43.9131

■ 95.4030, -14.9887,
-45.9574

■ 65.7440, -12.1988,
-54.1495

■ 47.9520, -14.2733,
-42.0539

■ 31.6980, -15.6271,

-27.7991

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 204.6760,
-19.0673, -44.4429

■ 204.6760,
-19.0673, -44.4429

■ 195.2200,
-24.2655, -57.1979

■ 214.1320,
-13.8691, -31.6878

■ 185.6500,
-29.9004, -69.8530

■ 223.7020, -8.2341,
-19.0327

■ 176.4930,
-35.2460, -81.9934

■ 232.8590, -2.8885,
-6.8923

■ 166.9230,
-40.8810, -94.6485

■ 242.4290, 2.7465,
5.7628

■ 157.4670,
-46.0792, -107.4036

■ 245.0210, 4.9196,
8.7516

■ 148.0110,
-51.2774, -120.1586

■ 143.5820,
-54.0239, -125.9214

Harmonies

Analogous

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



211.4180, -37.6741, -2.9976



204.6760, -19.0673, -44.4429



193.0070, 8.8705, -92.0911

Triad

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



204.6760, -19.0673, -44.4429



202.4070, 25.9283, -56.4849



206.0610, -12.3551, 42.9195

Complementary

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



204.6760, -19.0673, -44.4429



187.3240, 19.0673, 44.4429

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.



209.5440, 8.6058, 39.8649



204.6760, -19.0673, -44.4429



216.0380, 19.2083, -0.9103

Square

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



204.6760, -19.0673, -44.4429



178.0560, 37.9334, -127.2141



218.6060, 17.9422, 31.9175



209.0010, -31.5525, 40.3411

Rectangle

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



204.6760, -19.0673, -44.4429



174.7140, 33.1720, -140.0692



218.6060, 17.9422, 31.9175



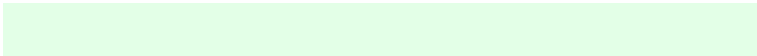
206.0100, -4.9349, 42.9642

Sweetspot

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



204.6760, -19.0673, -44.4429



243.8920, -6.3558, -14.8143



225.1350, -35.0696, 1.6356



121.2070, -4.0461, -8.9515



0.0000, 0.0000, 0.0000



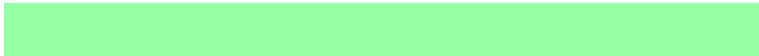
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6760, -19.0673, -44.4429



212.5190, -24.4129, -56.5832



209.3500, -1.1585, -48.5419



115.2720, -2.5991, -6.3775



110.9720, -41.8912, -97.3224



33.7840, -12.7115, -29.6286

Inverse Universe

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



187.3240, 19.0673, 44.4429



190.4810, 24.4129, 56.5832



182.6500, 1.1585, 48.5419



112.7280, 2.5991, 6.3775



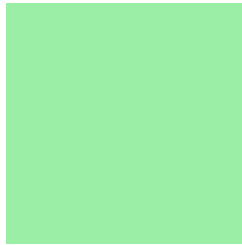
72.9140, 41.4544, 97.4224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 204.6760, -19.0673, -44.4429 looks on a white background.

Color Contrast Check

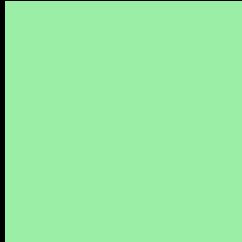
Large Text (above 18pt) WCAG AA × Fail

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 204.6760, -19.0673, -44.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

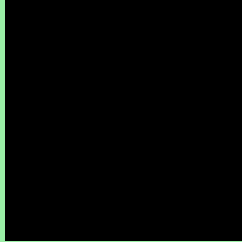
Any Text WCAG AA ✓ Pass

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 204.6760, -19.0673, -44.4429 Background



This preview shows how black text looks on a background with the YUV color 204.6760, -19.0673, -44.4429.



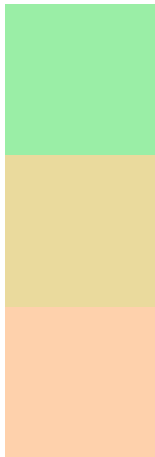
This preview shows how white text looks on a background with the YUV color 204.6760, -19.0673, -44.4429.

-44.4429.

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

204.6760, -19.0673, -44.4429

Protanopia

215.8300, -29.0032, 15.9351

Deuteranopia

218.2370, -22.7948, 31.3642



Tritanopia

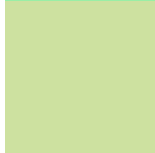
212.7100, 16.4120, -37.4567

Trichromacy



Original Color

204.6760, -19.0673, -44.4429



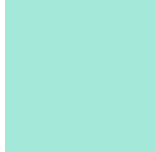
Protanomaly

211.6100, -25.4437, -5.7970



Deuteranomaly

213.7020, -21.5451, 3.7693



Tritanomaly

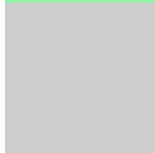
209.9580, 3.4717, -40.3052

Monochromacy



Original Color

204.6760, -19.0673, -44.4429



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.7670, -6.7871, -16.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6760, -19.0673, -44.4429 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(154, 238, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 238, 166) }
```

Border

The CSS property to change the border of an element to YUV 204.6760, -19.0673, -44.4429 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, 166) }
```


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

```
.border{ border-color:rgb(154, 238, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 238, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 238, 166); box-shadow:4px 4px 4px 4px rgb(154, 238, 166) }
```

Background

The CSS property to change the background color of an element to YUV 204.6760, -19.0673, -44.4429 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, 166) }
```

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

```
.background{ background-color: rgb(154,  
238, 166) }
```

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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