

Converting Colors

YUV(208.5630, -20.9836,
-36.4508)

Have a look what the booklet for
YUV(208.5630, -20.9836, -36.4508)
contains.

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Color

**YUV(208.5630, -20.9836,
-36.4508)**

Conversions

Conversions Part 1

Format	Color
Hex	A7EEA6
RGB	167, 238, 166
RGB Percent	65%, 93%, 65%
CMY	0.3451, 0.0667, 0.3490
CMYK	0.30, 0.00, 0.30, 0.07
HSL	119°, 68%, 79%
HSV	119°, 30%, 93%
XYZ	53.3938, 72.1177, 47.1824
YIQ	208.5630, -19.2040, -37.4440

Conversions

Conversions Part 2

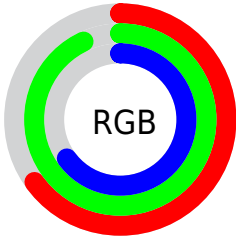
Format	Color
RYB	166, 238, 237
Decimal	11005606
CIELab	88.03, -35.82, 28.01
CIElCh	88, 45.473, 141.981
Yxy	72.1177, 0.3092, 0.4176
Android (android.graphics.Color)	4289195686 (0xFFA7EEA6)
YUV	208.5630, -20.9836, -36.4508
Hunter-Lab	84.9222, -36.3840, 26.5043

Details

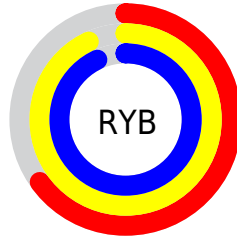
The YUV color **208.5630, -20.9836, -36.4508** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.4370, 20.9836, 36.4508**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8550, -10.2815, -15.6588**, and **153.6170, -19.5312, -35.6211** is the 20% darker color. If you saturate the color by 10%, you get **198.9500, -28.0763, -48.1911**, and if you desaturate by 10%, it is **218.1760, -13.8908, -24.7104**.

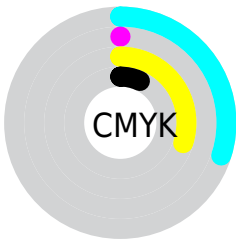
Distribution



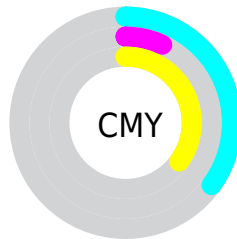
- Red (65%)
- Green (93%)
- Blue (65%)



- Red (65%)
- Yellow (93%)
- Blue (93%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 208.5630, -20.9836, -36.4508 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 208.5630, -20.9836, -36.4508 by changing the saturation by 10% instead.

■ 208.5630,
-20.9836, -36.4508

■ 208.5630,
-20.9836, -36.4508

255.0000, 0.0000,
0.0000

■ 180.9760,
-20.6942, -35.9360

■ 241.8550,
-10.2815, -15.6588

■ 153.6170,
-19.5312, -35.6211

■ 253.8320, -1.8892,
-0.7297

■ 126.8450,
-18.6576, -35.8211

■ 100.3720,
-17.9314, -35.4062

■ 74.7030, -16.6156,
-37.4505

■ 47.8380, -14.7101,
-41.9539

■ 31.6980, -15.6271,

-27.7991

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 208.5630,
-20.9836, -36.4508

■ 208.5630,
-20.9836, -36.4508

■ 198.9500,
-28.0763, -48.1911

■ 218.1760,
-13.8908, -24.7104

■ 189.0380,
-35.0217, -60.5463

■ 228.0880, -6.9454,
-12.3552

■ 179.5390,
-41.6777, -72.3867

■ 237.5870, -0.2894,
-0.5148

■ 169.6270,
-48.6231, -84.7419

■ 245.0210, 4.9196,
8.7516

■ 160.0140,
-55.7159, -96.4823

■ 150.1020,
-62.6613, -108.8375

■ 140.6030,
-69.3173, -120.6778

Harmonies

Analogous

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



214.5650, -37.2535, 2.1355



208.5630, -20.9836, -36.4508



199.1290, 3.8804, -78.1661

Triad

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



208.5630, -20.9836, -36.4508



204.7550, 24.7708, -58.5441



208.9620, -8.8553, 40.3753

Complementary

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



208.5630, -20.9836, -36.4508



195.4370, 20.9836, 36.4508

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.



213.2770, 10.2164, 36.5911



208.5630, -20.9836, -36.4508



217.1790, 18.6458, -7.1730

Square

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



208.5630, -20.9836, -36.4508



187.3030, 33.3746, -111.6447



221.5410, 16.4953, 29.3435



210.6140, -27.9107, 38.9265

Rectangle

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



208.5630, -20.9836, -36.4508



190.5780, 22.8860, -107.5009



221.5410, 16.4953, 29.3435



209.3840, -2.1613, 40.0052

Sweetspot

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



208.5630, -20.9836, -36.4508



245.5010, -6.6560, -11.8404



229.2050, -31.1601, 7.7132



122.1040, -4.4883, -7.1072



0.0000, 0.0000, 0.0000



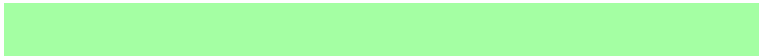
128.0000, 0.0000, 0.0000

Same Dimension

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



208.5630, -20.9836, -36.4508



217.3030, -26.7714, -46.7467



212.2540, -5.5482, -40.5648



115.0440, -3.4727, -6.1776



108.9050, -53.6902, -92.8787



33.1710, -16.3533, -28.2140

Inverse Universe

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



195.4370, 20.9836, 36.4508



200.6970, 26.7714, 46.7467



191.7460, 5.5482, 40.5648



112.9560, 3.4727, 6.1776



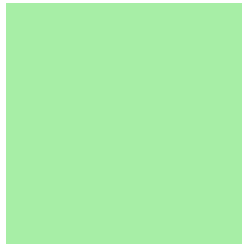
75.0950, 53.6902, 92.8787



22.8290, 16.3533, 28.2140

Previews

White Background



This preview shows how the YUV color 208.5630, -20.9836, -36.4508 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 208.5630, -20.9836, -36.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

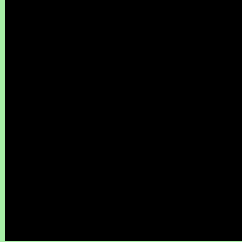
Any Text WCAG AA ✓ Pass

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 208.5630, -20.9836, -36.4508 Background



This preview shows how black text looks on a background with the YUV color 208.5630, -20.9836, -36.4508.



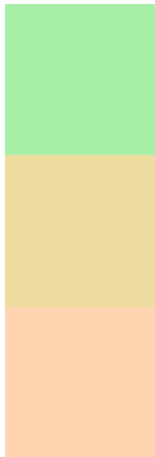
This preview shows how white text looks on a background with the YUV color 208.5630, -20.9836, -36.4508.

-36.4508.

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

208.5630, -20.9836, -36.4508

Protanopia

218.0150, -29.5874, 16.6498

Deuteranopia

220.7530, -22.0632, 30.0346



Tritanopia

216.2980, 14.6431, -30.0793

Trichromacy



Original Color

208.5630, -20.9836, -36.4508



Protanomaly

214.9910, -26.6176, -2.6231



Deuteranomaly

216.0120, -21.6979, 6.1285



Tritanomaly

213.8450, 1.5554, -32.3131

Monochromacy



Original Color

208.5630, -20.9836, -36.4508



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1480, -7.9610, -13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.5630, -20.9836, -36.4508 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(167, 238, 166)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 238, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 238, 166) }
```

Border

The CSS property to change the border of an element to YUV 208.5630, -20.9836, -36.4508 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(167, 238, 166) }
```


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

```
.border{ border-color:rgb(167, 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(167, 238, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 238, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 238, 166); box-shadow:4px 4px 4px 4px rgb(167, 238, 166) }
```

Background

The CSS property to change the background color of an element to YUV 208.5630, -20.9836, -36.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 238, 166) }
```

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

```
.background{ background-color: rgb(167,  
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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