

Converting Colors

YUV(222.5550, 4.6564,
-46.9677)

Have a look what the booklet for
YUV(222.5550, 4.6564, -46.9677)
contains.

YUV(222.5550, 4.6564, -46.9677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.5550, 4.6564,
-46.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F8E8
RGB	169, 248, 232
RGB Percent	66%, 97%, 91%
CMY	0.3373, 0.0275, 0.0902
CMYK	0.32, 0.00, 0.06, 0.03
HSL	168°, 85%, 82%
HSV	168°, 32%, 97%
XYZ	64.4951, 81.3960, 88.6557
YIQ	222.5550, -41.9480, -21.7240

Conversions

Conversions Part 2

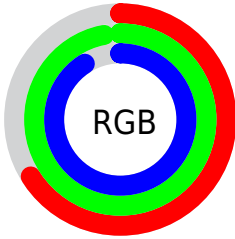
Format	Color
R _Y B	169, 213, 248
Decimal	11139304
CIE Lab	92.31, -27.47, -0.02
CIE LCh	92, 27.471, 180.043
Yxy	81.3960, 0.2750, 0.3470
Android (android.graphics.Color)	4289329384 (0xFFA9F8E8)
YUV	222.5550, 4.6564, -46.9677
Hunter-Lab	90.2197, -30.2809, 4.8917

Details

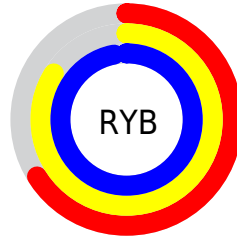
The YUV color **222.5550, 4.6564, -46.9677** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **194.4450, -4.6564, 46.9677**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, 4.2748, -17.8285**, and **166.2670, 4.7984, -45.8382** is the 20% darker color. If you saturate the color by 10%, you get **214.5100, 6.1576, -61.8373**, and if you desaturate by 10%, it is **230.6000, 3.1552, -32.0982**.

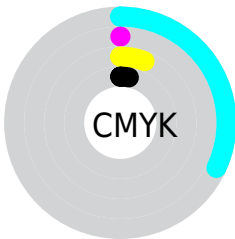
Distribution



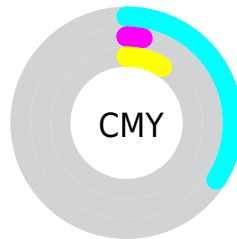
- Red (66%)
- Green (97%)
- Blue (91%)



- Red (66%)
- Yellow (84%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5550, 4.6564, -46.9677 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 222.5550, 4.6564, -46.9677 by changing the saturation by 10% instead.

■ 222.5550, 4.6564,
-46.9677

■ 222.5550, 4.6564,
-46.9677

255.0000, 0.0000,
0.0000

■ 193.9680, 4.9458,
-46.4529

■ 246.3290, 4.2748,
-17.8285

■ 166.2670, 4.7984,
-45.8382

■ 139.3810, 5.2352,
-45.9381

■ 112.1960, 5.8194,
-46.6529

■ 85.7010, 6.5564,
-49.7268

■ 59.6190, 7.5828,
-52.2859

■ 43.0230, 4.9187,

-37.7312

■ 27.7150, 2.1125,
-24.3061

■ 9.7170, -0.8465,
-8.5218

■ 222.5550, 4.6564,
-46.9677

■ 222.5550, 4.6564,
-46.9677

■ 214.5100, 6.1576,
-61.8373

■ 230.6000, 3.1552,
-32.0982

■ 206.4650, 7.6588,
-76.7068

■ 238.6450, 1.6540,
-17.2287

■ 198.7190, 9.0125,
-90.9616

■ 246.3910, 0.3002,
-2.9739

■ 190.6740, 10.5137,
-105.8311

■ 250.5490, 0.7153,
3.9035

■ 182.6290, 12.0149,
-120.7006

■ 250.8910, 2.0257,
3.6036

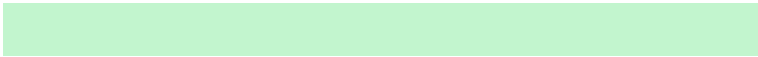
■ 174.5840, 13.5161,
-135.5702

■ 168.1480, 14.7170,
-147.4658

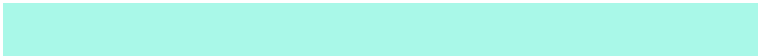
Harmonies

Analogous

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



225.3050, -9.5174, -27.4545



222.5550, 4.6564, -46.9677



221.6000, 16.4662, -54.9002

Triad

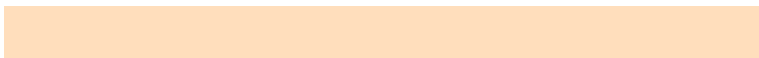
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.5550, 4.6564, -46.9677



232.5950, 11.0457, 3.8632



227.9910, -19.7156, 23.6869

Complementary

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



222.5550, 4.6564, -46.9677



194.4450, -4.6564, 46.9677

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.



226.7490, -9.2433, 24.7761



222.5550, 4.6564, -46.9677



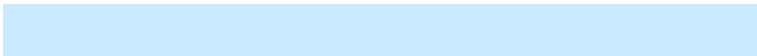
233.2810, 10.7075, 19.0476

Square

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



222.5550, 4.6564, -46.9677



227.4130, 13.6004, -22.2872



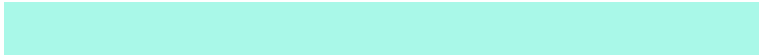
228.5390, 2.6923, 23.2063



231.7640, -25.5197, 18.6240

Rectangle

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



222.5550, 4.6564, -46.9677



221.9210, 16.3079, -50.7967



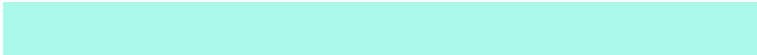
228.5390, 2.6923, 23.2063



227.5010, -16.5160, 24.1166

Sweetspot

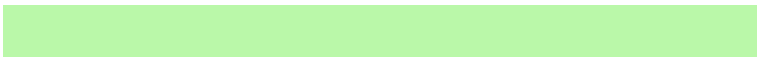
The Sweet Spot groups the original color and five complimentary colors.



222.5550, 4.6564, -46.9677



246.9550, 1.5012, -14.8695



220.4560, -25.3678, -30.2179



122.7600, 0.6113, -9.4365



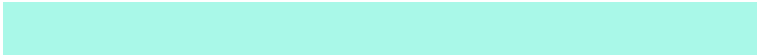
0.0000, 0.0000, 0.0000



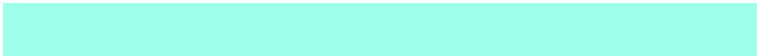
128.0000, 0.0000, 0.0000

Same Dimension

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



222.5550, 4.6564, -46.9677



223.7170, 5.5625, -57.6338



211.4650, 18.0118, -37.2418



120.7710, 0.6059, -7.6922



128.0430, 10.8248, -112.2937



41.3930, 3.7503, -36.3017

Inverse Universe

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



194.4450, -4.6564, 46.9677



189.2830, -5.5625, 57.6338



205.5350, -18.0118, 37.2418



116.2290, -0.6059, 7.6922



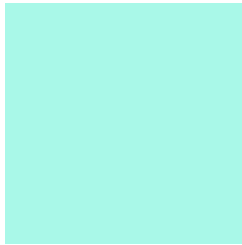
60.8430, -11.2616, 112.3937



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 222.5550, 4.6564, -46.9677 looks on a white background.

Color Contrast Check

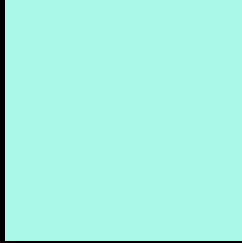
Large Text (above 18pt) WCAG AA × Fail

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 222.5550, 4.6564, -46.9677 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 222.5550, 4.6564, -46.9677

Background



This preview shows how black text looks on a background with the YUV color 222.5550, 4.6564, -46.9677.



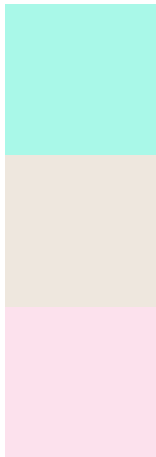
This preview shows how white text looks on a background with the YUV color 222.5550, 4.6564, -46.9677.

-46.9677.

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

222.5550, 4.6564, -46.9677

Protanopia

232.0670, -4.9630, 5.2032

Deuteranopia

234.4410, 1.2616, 15.3992



Tritanopia

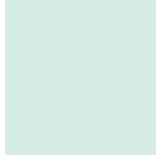
227.6570, 13.4801, -30.3942

Trichromacy



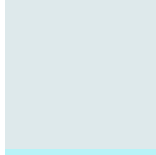
Original Color

222.5550, 4.6564, -46.9677



Protanomaly

228.5700, -1.2670, -13.6549



Deuteranomaly

229.9390, 2.4951, -6.9625



Tritanomaly

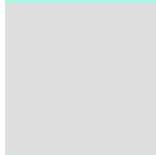
225.8150, 10.4442, -36.6718

Monochromacy



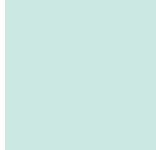
Original Color

222.5550, 4.6564, -46.9677



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

222.6450, 1.6540, -17.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5550, 4.6564, -46.9677 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(169, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 248, 232)  
}
```

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(169, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 248, 232) }
```

Border

The CSS property to change the border of an element to YUV 222.5550, 4.6564, -46.9677 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(169, 248, 232) }
```


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

```
.border{ border-color:rgb(169, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 248,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 222.5550, 4.6564, -46.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 248, 232) }
```

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

```
.background{ background-color: rgb(169,  
248, 232) }
```

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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