

Converting Colors

YUV(188.2240, -9.9704,
-22.1214)

Have a look what the booklet for
YUV(188.2240, -9.9704, -22.1214)
contains.

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Color

**YUV(188.2240, -9.9704,
-22.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CDA8
RGB	163, 205, 168
RGB Percent	64%, 80%, 66%
CMY	0.3608, 0.1961, 0.3412
CMYK	0.20, 0.00, 0.18, 0.20
HSL	127°, 30%, 72%
HSV	127°, 20%, 80%
XYZ	44.0035, 54.2763, 45.2029
YIQ	188.2240, -13.1550, -20.4110

Conversions

Conversions Part 2

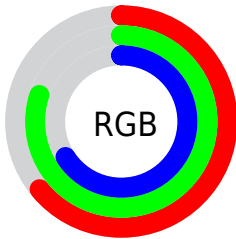
Format	Color
RYB	163, 201, 205
Decimal	10735016
CIELab	78.62, -21.06, 13.94
CIELCh	79, 25.254, 146.487
Yxy	54.2763, 0.3067, 0.3783
Android (android.graphics.Color)	4288925096 (0xFFA3CDA8)
YUV	188.2240, -9.9704, -22.1214
Hunter-Lab	73.6725, -22.3114, 15.1924

Details

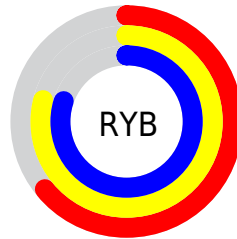
The YUV color **188.2240, -9.9704, -22.1214** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.7760, 9.9704, 22.1214**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2890, -8.5235, -19.5475**, and **135.0500, -9.3916, -21.0918** is the 20% darker color. If you saturate the color by 10%, you get **180.1920, -14.8847, -32.6174**, and if you desaturate by 10%, it is **196.5550, -5.2036, -11.0107**.

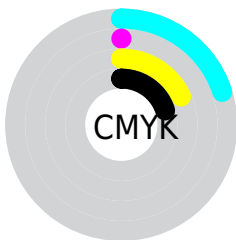
Distribution



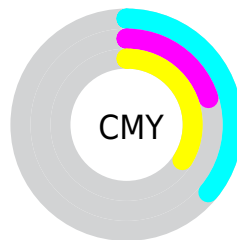
- Red (64%)
- Green (80%)
- Blue (66%)



- Red (64%)
- Yellow (79%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2240, -9.9704, -22.1214 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 188.2240, -9.9704, -22.1214 by changing the saturation by 10% instead.

■ 188.2240, -9.9704,
-22.1214

■ 188.2240, -9.9704,
-22.1214

255.0000, 0.0000,
0.0000

■ 160.7510, -9.2442,
-21.7066

■ 240.2890, -8.5235,
-19.5475

■ 135.0500, -9.3916,
-21.0918

■ 252.2660, -0.1311,
-4.6183

■ 109.4630, -9.1023,
-20.5771

■ 84.6910, -8.2287,
-20.7770

■ 60.5170, -7.6499,
-19.7474

■ 37.4460, -6.6289,
-20.5621

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 188.2240, -9.9704,
-22.1214

■ 188.2240, -9.9704,
-22.1214

■ 180.1920,
-14.8847, -32.6174

■ 196.5550, -5.2036,
-11.0107

■ 171.8610,
-19.6515, -43.7281

■ 204.5870, -0.2894,
-0.5148

■ 163.5300,
-24.4183, -54.8388

■ 212.6190, 4.6248,
9.9811

■ 155.4980,
-29.3325, -65.3347

■ 220.9500, 9.3917,
21.0919

■ 147.1670,
-34.0993, -76.4455

■ 225.6500, 14.4696,
25.7400

■ 139.1350,
-39.0136, -86.9414

■ 130.8040,
-43.7804, -98.0521

■ 123.0710,
-48.8420, -107.9333

Harmonies

Analogous

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



190.9510, -19.2028, -0.8340



188.2240, -9.9704, -22.1214



185.4310, 2.7455, -40.7200

Triad

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



188.2240, -9.9704, -22.1214



192.4370, 23.9416, -25.8162



197.6800, -11.1812, 39.7456

Complementary

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



188.2240, -9.9704, -22.1214



179.7760, 9.9704, 22.1214

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.



198.5190, -0.2559, 35.5018



188.2240, -9.9704, -22.1214



196.7390, 19.3557, -1.5251

Square

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



188.2240, -9.9704, -22.1214



186.9740, 22.6908, -44.7042



198.4060, 11.1388, 20.6919



195.7580, -19.6007, 33.5382

Rectangle

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



188.2240, -9.9704, -22.1214



184.5640, 11.0609, -47.8526



198.4060, 11.1388, 20.6919



197.8910, -7.8343, 39.5606

Sweetspot

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



188.2240, -9.9704, -22.1214



249.0330, -3.4673, -7.9219



198.7170, -17.6085, 1.1252



124.3970, -2.1677, -4.7332



0.0000, 0.0000, 0.0000



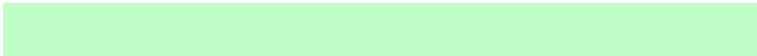
128.0000, 0.0000, 0.0000

Same Dimension

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



188.2240, -9.9704, -22.1214



229.4800, -15.0266, -33.7470



190.6180, -0.7977, -24.2210



97.9840, -2.4571, -5.2480



99.7220, -39.3029, -87.4562



22.8760, -8.8129, -20.0623

Inverse Universe

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



179.7760, 9.9704, 22.1214



216.5200, 15.0266, 33.7470



177.3820, 0.7977, 24.2210



96.0160, 2.4571, 5.2480



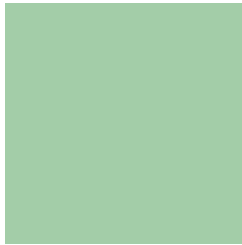
66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 188.2240, -9.9704, -22.1214 looks on a white background.

Color Contrast Check

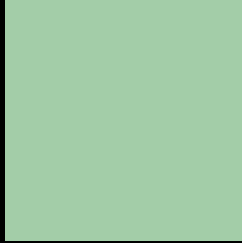
Large Text (above 18pt) WCAG AA × Fail

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 188.2240, -9.9704, -22.1214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

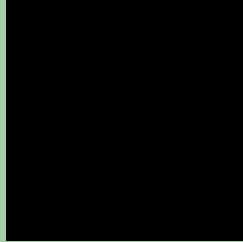
Any Text WCAG AA ✓ Pass

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 188.2240, -9.9704, -22.1214 Background



This preview shows how black text looks on a background with the YUV color 188.2240, -9.9704, -22.1214.



This preview shows how white text looks on a background with the YUV color 188.2240, -9.9704,

-22.1214.

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

188.2240, -9.9704, -22.1214

Protanopia

193.6410, -15.5990, 9.9618

Deuteranopia

195.4560, -11.5638, 22.4021



Tritanopia

192.3380, 10.6794, -18.7134

Trichromacy



Original Color

188.2240, -9.9704, -22.1214

Protanomaly

191.7320, -13.6719, -1.5190

Deuteranomaly

193.1720, -10.9308, 5.9882

Tritanomaly

190.6770, 3.1172, -19.8877

Monochromacy



Original Color

188.2240, -9.9704, -22.1214

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0330, -3.4673, -7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2240, -9.9704, -22.1214 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(163, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 168)  
}
```

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(163, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 168) }
```

Border

The CSS property to change the border of an element to YUV 188.2240, -9.9704, -22.1214 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(163, 205, 168) }
```


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

```
.border{ border-color:rgb(163, 205, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 168);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 188.2240, -9.9704, -22.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 168) }
```

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

```
.background{ background-color: rgb(163,  
205, 168) }
```

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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