

Converting Colors

YUV(187.9330, -22.1520,
-35.0212)

Have a look what the booklet for
YUV(187.9330, -22.1520, -35.0212)
contains.

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Color

**YUV(187.9330, -22.1520,
-35.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	94D98F
RGB	148, 217, 143
RGB Percent	58%, 85%, 56%
CMY	0.4196, 0.1490, 0.4392
CMYK	0.32, 0.00, 0.34, 0.15
HSL	116°, 49%, 71%
HSV	116°, 34%, 85%
XYZ	41.9835, 57.9048, 34.9506
YIQ	187.9330, -17.3700, -37.6420

Conversions

Conversions Part 2

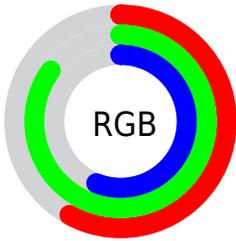
Format	Color
RYB	143, 217, 212
Decimal	9755023
CIELab	80.69, -35.96, 29.76
CIElCh	81, 46.678, 140.390
Yxy	57.9048, 0.3114, 0.4294
Android (android.graphics.Color)	4287945103 (0xFF94D98F)
YUV	187.9330, -22.1520, -35.0212
Hunter-Lab	76.0952, -34.6839, 26.0347

Details

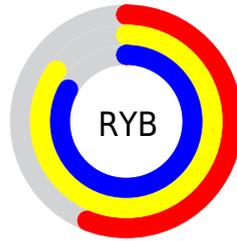
The YUV color **187.9330, -22.1520, -35.0212** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.0670, 22.1520, 35.0212**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1390, -17.8165, -25.5549**, and **133.6880, -20.5522, -34.8064** is the 20% darker color. If you saturate the color by 10%, you get **179.4450, -28.8134, -45.1173**, and if you desaturate by 10%, it is **196.4210, -15.4906, -24.9252**.

Distribution



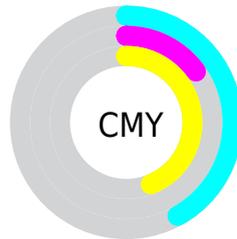
- Red (58%)
- Green (85%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9330, -22.1520, -35.0212 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 187.9330, -22.1520, -35.0212 by changing the saturation by 10% instead.

■ 187.9330,
-22.1520, -35.0212

■ 187.9330,
-22.1520, -35.0212

255.0000, 0.0000,
0.0000

■ 160.4600,
-21.4258, -34.6064

■ 233.1390,
-17.8165, -25.5549

■ 133.6880,
-20.5522, -34.8064

■ 245.0020, -9.8610,
-10.5258

■ 107.3290,
-19.3892, -34.4915

254.8860, -0.4368,
0.1000

■ 81.2580, -18.3682,
-35.3063

■ 54.3820, -16.4573,
-41.5540

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,

-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 187.9330,
-22.1520, -35.0212

■ 187.9330,
-22.1520, -35.0212

■ 179.4450,
-28.8134, -45.1173

■ 196.4210,
-15.4906, -24.9252

■ 171.0710,
-35.0380, -55.3133

■ 204.7950, -9.2659,
-14.7292

■ 162.2840,
-41.5520, -66.0241

■ 213.5820, -2.7519,
-4.0184

■ 153.7960,
-48.2134, -76.1201

■ 222.0700, 3.9095,
6.0776

■ 145.4220,
-54.4380, -86.3161

■ 230.4440, 10.1341,
16.2736

■ 136.9340,
-61.0995, -96.4121

■ 232.6940, 10.9969,
19.5624

■ 131.8640,
-65.0090, -102.4897

Harmonies

Analogous

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



194.0490, -37.9852, 3.4650



187.9330, -22.1520, -35.0212



177.0040, 3.4490, -79.8105

Triad

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



187.9330, -22.1520, -35.0212



183.1480, 35.4230, -68.5358



193.8820, -10.7878, 53.6005

Complementary

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



187.9330, -22.1520, -35.0212



172.0670, 22.1520, 35.0212

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.



198.8980, 8.4313, 49.2015



187.9330, -22.1520, -35.0212



197.9640, 28.1187, -12.2464

Square

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



187.9330, -22.1520, -35.0212



157.6230, 48.0069, -138.2354



205.6150, 24.3468, 31.0326



196.1210, -30.1327, 51.6369

Rectangle

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



187.9330, -22.1520, -35.0212



157.5040, 28.3455, -131.9920



205.6150, 24.3468, 31.0326



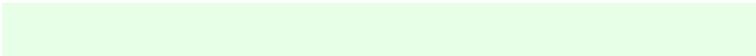
195.0050, -3.9465, 52.6156

Sweetspot

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



187.9330, -22.1520, -35.0212



244.9740, -7.3822, -12.2552



205.0420, -30.5867, 10.4872



121.6910, -4.7777, -7.6220



0.0000, 0.0000, 0.0000



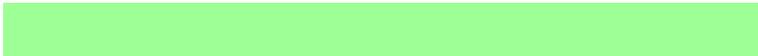
128.0000, 0.0000, 0.0000

Same Dimension

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



187.9330, -22.1520, -35.0212



214.0270, -31.5653, -49.1357



189.9720, -7.8742, -41.1944



105.4570, -3.1833, -5.6628



105.1390, -51.8335, -81.6829



27.8990, -13.7542, -21.8364

Inverse Universe

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



172.0670, 22.1520, 35.0212



191.2720, 31.4179, 49.7505



170.0280, 7.8742, 41.1944



103.2440, 3.3307, 5.0480



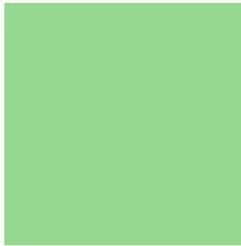
68.1600, 51.6861, 82.2977



18.1010, 13.7542, 21.8364

Previews

White Background



This preview shows how the YUV color 187.9330, -22.1520, -35.0212 looks on a white background.

Color Contrast Check

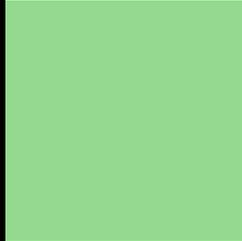
Large Text (above 18pt) WCAG AA × Fail

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 187.9330, -22.1520, -35.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

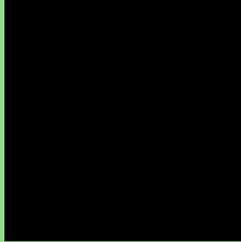
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

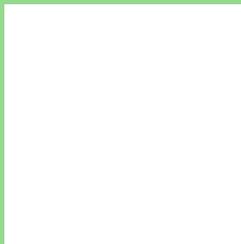
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.9330, -22.1520, -35.0212 Background



This preview shows how black text looks on a background with the YUV color 187.9330, -22.1520, -35.0212.



This preview shows how white text looks on a background with the YUV color 187.9330, -22.1520, -35.0212.

-35.0212.

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

187.9330, -22.1520, -35.0212

Protanopia

196.9010, -30.0242, 16.7498

Deuteranopia

199.3680, -24.8314, 31.2493



Tritanopia

195.7820, 13.9115, -28.7498

Trichromacy



Original Color

187.9330, -22.1520, -35.0212

Protanomaly

193.8770, -27.0544, -2.5231

Deuteranomaly

194.8550, -23.5925, 7.1432

Tritanomaly

193.3290, 0.8238, -30.9835

Monochromacy



Original Color

187.9330, -22.1520, -35.0212

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1480, -7.9610, -13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9330, -22.1520, -35.0212 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(148, 217, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 217, 143)  
}
```

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(148, 217, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 217, 143) }
```

Border

The CSS property to change the border of an element to YUV 187.9330, -22.1520, -35.0212 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(148, 217, 143) }
```

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

```
.border{ border-color:rgb(148, 217, 143) }
```

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

Here you see how a box with a 4 pixel rgb(148, 217, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 217, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 217, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 217,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 187.9330, -22.1520, -35.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 217, 143) }
```

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

```
.background{ background-color: rgb(148,  
217, 143) }
```

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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