

Converting Colors

YUV(188.0490, -11.3632,
-42.1390)

Have a look what the booklet for
YUV(188.0490, -11.3632, -42.1390)
contains.

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Color

**YUV(188.0490, -11.3632,
-42.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD9A5
RGB	140, 217, 165
RGB Percent	55%, 85%, 65%
CMY	0.4510, 0.1490, 0.3529
CMYK	0.35, 0.00, 0.24, 0.15
HSL	139°, 50%, 70%
HSV	139°, 35%, 85%
XYZ	42.4196, 57.9178, 44.5408
YIQ	188.0490, -29.2000, -32.4960

Conversions

Conversions Part 2

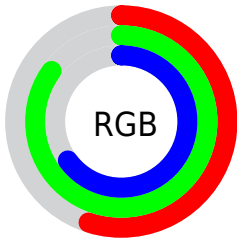
Format	Color
RYB	140, 198, 217
Decimal	9230757
CIELab	80.69, -34.68, 18.25
CIELCh	81, 39.185, 152.250
Yxy	57.9178, 0.2928, 0.3998
Android (android.graphics.Color)	4287420837 (0xFF8CD9A5)
YUV	188.0490, -11.3632, -42.1390
Hunter-Lab	76.1037, -33.6871, 18.5723

Details

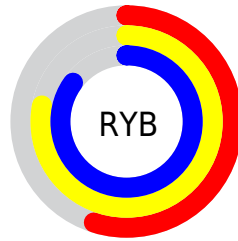
The YUV color **188.0490, -11.3632, -42.1390** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.9510, 11.3632, 42.1390**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3690, -6.5909, -32.7726**, and **133.6900, -10.2002, -41.8241** is the 20% darker color. If you saturate the color by 10%, you get **179.7610, -14.6722, -54.1644**, and if you desaturate by 10%, it is **196.3370, -8.0541, -30.1135**.

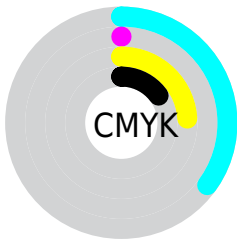
Distribution



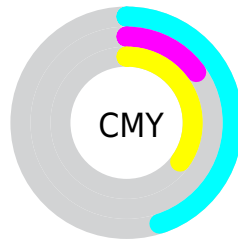
- Red (55%)
- Green (85%)
- Blue (65%)



- Red (55%)
- Yellow (78%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0490, -11.3632, -42.1390 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 188.0490, -11.3632, -42.1390 by changing the saturation by 10% instead.

■ 188.0490,
-11.3632, -42.1390

■ 188.0490,
-11.3632, -42.1390

255.0000, 0.0000,
0.0000

■ 160.5760,
-10.6370, -41.7242

■ 233.3690, -6.5909,
-32.7726

■ 133.6900,
-10.2002, -41.8241

■ 245.0470, 1.9488,
-18.4582

■ 107.2170, -9.4740,
-41.4093

254.7010, 0.1474,
-0.6148

■ 80.6620, -7.7214,
-43.5536

■ 54.0960, -5.9633,
-47.4422

■ 38.2010, -8.4801,
-33.5023

■ 22.8930, -11.2862,

-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 188.0490,
-11.3632, -42.1390

■ 188.0490,
-11.3632, -42.1390

■ 179.7610,
-14.6722, -54.1644

■ 196.3370, -8.0541,
-30.1135

■ 171.8860,
-17.6918, -65.6750

■ 204.2120, -5.0345,
-18.6029

■ 163.5980,
-21.0008, -77.7004

■ 212.5000, -1.7255,
-6.5775

■ 155.3100,
-24.3098, -89.7259

■ 220.7880, 1.5835,
5.4479

■ 147.4350,
-27.3295, -101.2365

■ 228.9620, 4.4557,
17.5733

■ 139.1470,
-30.6385, -113.2619

■ 232.4660, 10.1233,
19.7623

■ 135.3590,
-32.2220, -118.7098

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



193.9040, -28.0537, -8.6858



188.0490, -11.3632, -42.1390



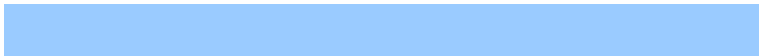
180.5730, 10.5635, -75.0475

Triad

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



188.0490, -11.3632, -42.1390



194.2770, 29.9364, -35.3229



198.1390, -17.3235, 49.8671

Complementary

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



188.0490, -11.3632, -42.1390



168.9510, 11.3632, 42.1390

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.



199.8950, -0.4412, 48.3271



188.0490, -11.3632, -42.1390



202.7920, 25.7385, 4.5674

Square

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



188.0490, -11.3632, -42.1390



182.5060, 35.7395, -76.7428



205.7270, 14.4316, 37.9504



200.3330, -31.7162, 46.1890

Rectangle

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



188.0490, -11.3632, -42.1390



175.9480, 25.1686, -92.9164



205.7270, 14.4316, 37.9504



198.2190, -11.9400, 49.7969

Sweetspot

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



188.0490, -11.3632, -42.1390



244.4620, -4.1718, -15.3142



201.0460, -30.0957, -7.0563



121.5490, -2.7357, -9.2515



0.0000, 0.0000, 0.0000



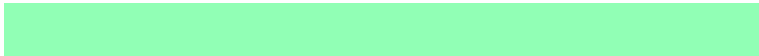
128.0000, 0.0000, 0.0000

Same Dimension

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



188.0490, -11.3632, -42.1390



213.6740, -16.1083, -60.2271



192.3810, 5.2352, -45.9381



105.7990, -1.8729, -5.9627



107.9350, -25.6040, -94.6590



28.7120, -6.7600, -25.1804

Inverse Universe

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



168.9510, 11.3632, 42.1390



186.3260, 16.1083, 60.2271



164.6190, -5.2352, 45.9381



103.0870, 1.4361, 6.0627



65.0650, 25.6040, 94.6590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 188.0490, -11.3632, -42.1390 looks on a white background.

Color Contrast Check

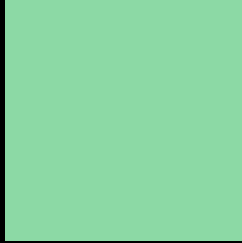
Large Text (above 18pt) WCAG AA × Fail

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 188.0490, -11.3632, -42.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

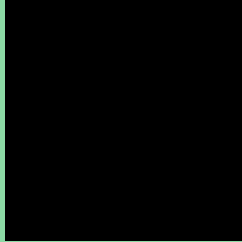
Any Text WCAG AA ✓ Pass

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 188.0490, -11.3632, -42.1390 Background



This preview shows how black text looks on a background with the YUV color 188.0490, -11.3632, -42.1390.



This preview shows how white text looks on a background with the YUV color 188.0490, -11.3632, -42.1390.

-42.1390.

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

188.0490, -11.3632, -42.1390

Protanopia

197.9850, -20.6986, 12.2912

Deuteranopia

200.5550, -15.0636, 24.9463



Tritanopia

194.1940, 15.6804, -36.1271

Trichromacy



Original Color

188.0490, -11.3632, -42.1390



Protanomaly

194.6620, -17.5814, -7.5966



Deuteranomaly

196.0420, -13.8247, 0.8402



Tritanomaly

191.9520, 5.9397, -38.5459

Monochromacy



Original Color

188.0490, -11.3632, -42.1390



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.4620, -4.1718, -15.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0490, -11.3632, -42.1390 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(140, 217, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 165)  
}
```

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(140, 217, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 165) }
```

Border

The CSS property to change the border of an element to YUV 188.0490, -11.3632, -42.1390 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(140, 217, 165) }
```


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

```
.border{ border-color:rgb(140, 217, 165) }
```

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

Here you see how a box with a 4 pixel rgb(140, 217, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 188.0490, -11.3632, -42.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 165) }
```

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

```
.background{ background-color: rgb(140,  
217, 165) }
```

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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