

Converting Colors

YUV(169.0990, -27.1638,
-14.1188)

Have a look what the booklet for
YUV(169.0990, -27.1638, -14.1188)
contains.

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Color

**YUV(169.0990, -27.1638,
-14.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	99BC72
RGB	153, 188, 114
RGB Percent	60%, 74%, 45%
CMY	0.4000, 0.2627, 0.5529
CMYK	0.19, 0.00, 0.39, 0.26
HSL	88°, 36%, 59%
HSV	88°, 39%, 74%
XYZ	34.1574, 43.9536, 22.6032
YIQ	169.0990, 2.8940, -30.4340

Conversions

Conversions Part 2

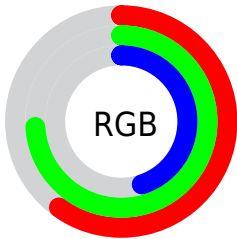
Format	Color
RYB	114, 188, 149
Decimal	10075250
CIELab	72.20, -24.68, 33.64
CIELCh	72, 41.724, 126.262
Yxy	43.9536, 0.3392, 0.4364
Android (android.graphics.Color)	4288265330 (0xFF99BC72)
YUV	169.0990, -27.1638, -14.1188
Hunter-Lab	66.2975, -24.0552, 26.1942

Details

The YUV color **169.0990, -27.1638, -14.1188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **132.9010, 27.1638, 14.1188**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4580, -28.3268, -14.4337**, and **116.4410, -25.8534, -14.4188** is the 20% darker color. If you saturate the color by 10%, you get **164.2420, -34.1363, -17.7522**, and if you desaturate by 10%, it is **173.9560, -20.1913, -10.4854**.

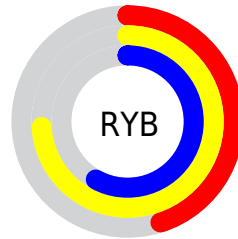
Distribution



Red (60%)

Green (74%)

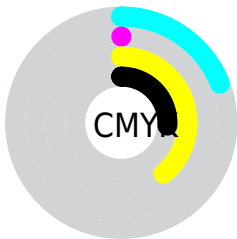
Blue (45%)



Red (45%)

Yellow (74%)

Blue (58%)

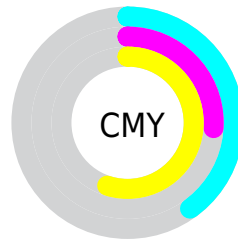


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0990, -27.1638, -14.1188 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 169.0990, -27.1638, -14.1188 by changing the saturation by 10% instead.

■ 169.0990,
-27.1638, -14.1188

■ 169.0990,
-27.1638, -14.1188

■ 255.0000, 0.0000,
0.0000

■ 142.3270,
-26.2902, -14.3188

■ 224.4580,
-28.3268, -14.4337

■ 116.4410,
-25.8534, -14.4188

■ 242.6640,
-23.9914, -4.9673

■ 91.0820, -24.6904,
-14.1039

■ 251.2380,
-14.4143, 3.2993

■ 66.9680, -25.1272,
-14.0039

■ 254.5440, -1.7472,
0.3999

■ 43.8800, -21.6328,
-14.8038

■ 22.8930, -11.2862,
-20.0772

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 169.0990,
-27.1638, -14.1188

■ 169.0990,
-27.1638, -14.1188

■ 164.2420,
-34.1363, -17.7522

■ 173.9560,
-20.1913, -10.4854

■ 159.3850,
-41.1088, -21.3856

■ 178.8130,
-13.2188, -6.8520

■ 154.6420,
-47.6445, -25.1190

■ 183.5560, -6.6831,
-3.1186

■ 149.7850,
-54.6170, -28.7524

■ 188.4130, 0.2894,
0.5148

■ 145.2270,
-61.7369, -31.7711

■ 192.9710, 7.4093,
3.5334

■ 140.3700,
-68.7094, -35.4045

■ 197.8280, 14.3818,
7.1668

■ 139.9570,
-68.9988, -35.9193

■ 202.6850, 21.3543,
10.8003

■ 206.4020, 23.9588,
15.4334

■ 209.0930, 22.6322,
20.9664

Harmonies

Analogous

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



173.3050, -36.1394, 18.1495



169.0990, -27.1638, -14.1188



162.3900, -8.5733, -50.3310

Triad

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



169.0990, -27.1638, -14.1188



155.7310, 44.5026, -87.4641



180.4190, -5.1366, 61.0225

Complementary

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



169.0990, -27.1638, -14.1188



132.9010, 27.1638, 14.1188

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.



182.0050, 12.8155, 42.9686



169.0990, -27.1638, -14.1188



172.9810, 38.9564, -35.0633

Square

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



169.0990, -27.1638, -14.1188



140.2460, 39.8117, -122.9957



180.9220, 28.6325, 9.7154



178.3530, -21.8660, 60.2034

Rectangle

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



169.0990, -27.1638, -14.1188



154.8670, 7.9536, -77.9364



180.9220, 28.6325, 9.7154



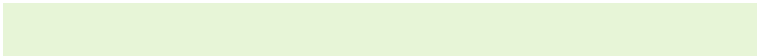
180.7050, 1.1314, 57.2637

Sweetspot

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



169.0990, -27.1638, -14.1188



237.3940, -11.0402, -5.6075



156.6710, -21.0368, 27.4755



117.6700, -6.2463, -3.2186



250.0000, 0.0000, 0.0000



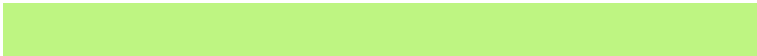
122.0000, 0.0000, 0.0000

Same Dimension

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



169.0990, -27.1638, -14.1188



215.4450, -42.1244, -22.3153



158.0360, -21.7097, -36.8656



91.7780, -3.3416, -1.5593



117.5630, -57.9586, -30.3118



22.9810, -11.3296, -6.1223

Inverse Universe

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



132.9010, 27.1638, 14.1188



159.2560, 42.2718, 21.7005



143.9640, 21.7097, 36.8656



87.2220, 3.3416, 1.5593



40.4370, 57.9586, 30.3118



7.7200, 11.4770, 5.5076

Previews

White Background



This preview shows how the YUV color 169.0990, -27.1638, -14.1188 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 169.0990, -27.1638, -14.1188 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 169.0990, -27.1638, -14.1188 Background



This preview shows how black text looks on a background with the YUV color 169.0990, -27.1638, -14.1188.



This preview shows how white text looks on a background with the YUV color 169.0990, -27.1638, -14.1188.

-14.1188.

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

169.0990, -27.1638, -14.1188

Protanopia

174.1460, -31.6240, 16.5350

Deuteranopia

176.0430, -28.6152, 31.5343



Tritanopia

176.1110, 8.3263, -10.6213

Trichromacy



Original Color

169.0990, -27.1638, -14.1188

Protanomaly

172.1230, -30.1336, 5.1541

Deuteranomaly

173.7590, -27.9822, 15.1204

Tritanomaly

173.3700, -4.6194, -11.7255

Monochromacy



Original Color

169.0990, -27.1638, -14.1188

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0350, -9.8773, -5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0990, -27.1638, -14.1188 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(153, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(153, 188, 114)  
}
```

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(153, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 188, 114) }
```

Border

The CSS property to change the border of an element to YUV 169.0990, -27.1638, -14.1188 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(153, 188, 114) }
```


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

```
.border{ border-color:rgb(153, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 188, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 188, 114); box-shadow:4px 4px 4px 4px rgb(153, 188, 114) }
```

Background

The CSS property to change the background color of an element to YUV 169.0990, -27.1638, -14.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 188, 114) }
```

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

```
.background{ background-color: rgb(153,  
188, 114) }
```

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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