

Converting Colors

YUV(167.9290, -5.8810,
-27.1247)

Have a look what the booklet for
YUV(167.9290, -5.8810, -27.1247)
contains.

YUV(167.9290, -5.8810, -27.1247)	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(167.9290, -5.8810,
-27.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	89BA9C
RGB	137, 186, 156
RGB Percent	54%, 73%, 61%
CMY	0.4627, 0.2706, 0.3882
CMYK	0.26, 0.00, 0.16, 0.27
HSL	143°, 26%, 63%
HSV	143°, 26%, 73%
XYZ	33.8762, 42.8365, 37.9353
YIQ	167.9290, -19.5740, -19.7180

Conversions

Conversions Part 2

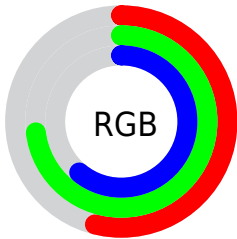
Format	Color
RYB	137, 172, 186
Decimal	9026204
CIELab	71.44, -22.41, 10.03
CIELCh	71, 24.552, 155.879
Yxy	42.8365, 0.2955, 0.3736
Android (android.graphics.Color)	4287216284 (0xFF89BA9C)
YUV	167.9290, -5.8810, -27.1247
Hunter-Lab	65.4496, -22.1466, 11.4496

Details

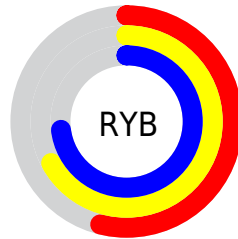
The YUV color **167.9290, -5.8810, -27.1247** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **155.0710, 5.8810, 27.1247**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2170, -6.0230, -28.2543**, and **115.7550, -5.3022, -26.0951** is the 20% darker color. If you saturate the color by 10%, you get **160.9940, -7.8850, -37.7057**, and if you desaturate by 10%, it is **174.8640, -3.8770, -16.5437**.

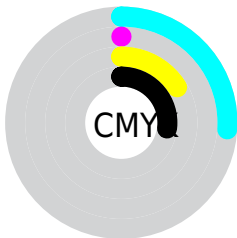
Distribution



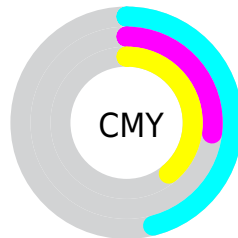
- Red (54%)
- Green (73%)
- Blue (61%)



- Red (54%)
- Yellow (67%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9290, -5.8810, -27.1247 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 167.9290, -5.8810, -27.1247 by changing the saturation by 10% instead.

■ 167.9290, -5.8810,
-27.1247

■ 167.9290, -5.8810,
-27.1247

255.0000, 0.0000,
0.0000

■ 141.3420, -5.5916,
-26.6099

■ 223.2170, -6.0230,
-28.2543

■ 115.7550, -5.3022,
-26.0951

■ 242.4120, -1.6821,
-20.5323

■ 90.2820, -4.5760,
-25.6803

■ 252.9070, 1.0318,
-4.3034

■ 66.3960, -4.1392,
-25.7803

■ 42.0260, -2.9708,
-27.2098

■ 23.4290, -4.1555,
-20.5472

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 167.9290, -5.8810,
-27.1247

■ 167.9290, -5.8810,
-27.1247

■ 160.9940, -7.8850,
-37.7057

■ 174.8640, -3.8770,
-16.5437

■ 154.2440,
-10.4733, -47.5720

■ 181.6140, -1.2887,
-6.6775

■ 147.3090,
-12.4773, -58.1530

■ 188.5490, 0.7153,
3.9035

■ 140.5590,
-15.0656, -68.0192

■ 195.2990, 3.3036,
13.7698

■ 133.6240,
-17.0696, -78.6002

■ 202.2340, 5.3076,
24.3508

■ 126.6890,
-19.0737, -89.1813

■ 209.1690, 7.3117,
34.9318

■ 119.9390,
-21.6619, -99.0475

■ 212.3310, 11.6688,
37.4207

■ 117.3900,
-22.3773, -102.9510

■ 213.5850, 16.4736,
36.3210

■ 214.4970, 19.9680,
35.5211

Harmonies

Analogous

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



171.0040, -16.2710, -7.8965



167.9290, -5.8810, -27.1247



165.7450, 6.5347, -42.7494

Triad

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



167.9290, -5.8810, -27.1247



174.3240, 22.0253, -17.8241



177.0880, -13.3544, 36.7568

Complementary

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



167.9290, -5.8810, -27.1247



155.0710, 5.8810, 27.1247

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.



178.6070, -3.7503, 36.3017



167.9290, -5.8810, -27.1247



177.6860, 16.4238, 5.5374

Square

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



167.9290, -5.8810, -27.1247



168.7190, 22.8165, -38.3416



178.8150, 7.4862, 25.5952



175.3120, -19.8738, 27.7904

Rectangle

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



167.9290, -5.8810, -27.1247



164.7750, 14.4079, -48.0377



178.8150, 7.4862, 25.5952



177.7830, -10.7390, 37.9013

Sweetspot

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



167.9290, -5.8810, -27.1247



234.9510, -2.4408, -10.4810



174.7330, -18.6024, -6.7818



117.6140, -1.2887, -6.6775



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.



167.9290, -5.8810, -27.1247



213.6190, -9.1792, -42.6389



170.6650, 4.6022, -29.5242



88.6250, -1.2941, -4.9331



98.4120, -18.9371, -86.3073



17.6900, -3.2982, -15.5141

Inverse Universe

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



155.0710, 5.8810, 27.1247



193.3810, 9.1792, 42.6389



152.3350, -4.6022, 29.5242



86.2610, 0.8573, 5.0331



57.4740, 18.5003, 86.4073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 167.9290, -5.8810, -27.1247 looks on a white background.

Color Contrast Check

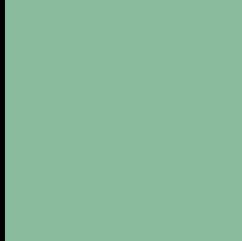
Large Text (above 18pt) WCAG AA × Fail

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 167.9290, -5.8810, -27.1247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

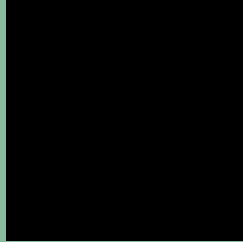
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.9290, -5.8810, -27.1247

Background



This preview shows how black text looks on a background with the YUV color 167.9290, -5.8810, -27.1247.



This preview shows how white text looks on a background with the YUV color 167.9290, -5.8810,

-27.1247.

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

167.9290, -5.8810, -27.1247

Protanopia

173.9550, -11.8098, 7.9325

Deuteranopia

175.7590, -7.7692, 18.6284



Tritanopia

171.8320, 11.4218, -23.5317

Trichromacy



Original Color

167.9290, -5.8810, -27.1247

Protanomaly

171.4480, -9.5879, -4.7779

Deuteranomaly

173.1760, -6.9888, 1.5996

Tritanomaly

170.5130, 5.1701, -25.0059

Monochromacy



Original Color

167.9290, -5.8810, -27.1247

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3640, -2.1515, -9.9662

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9290, -5.8810, -27.1247 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(137, 186, 156)` looks like.

```
.text, #text, p{  
    color:rgb(137, 186, 156)  
}
```

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(137, 186, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 186, 156) }
```

Border

The CSS property to change the border of an element to YUV 167.9290, -5.8810, -27.1247 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(137, 186, 156) }
```


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

```
.border{ border-color:rgb(137, 186, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 186, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 186, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 186, 156);  
box-shadow:4px 4px 4px 4px rgb(137, 186,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 167.9290, -5.8810, -27.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 186, 156) }
```

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

```
.background{ background-color: rgb(137,  
186, 156) }
```

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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