

Converting Colors

YUV(109.1890, -20.7992,
-95.7588)

Have a look what the booklet for
YUV(109.1890, -20.7992, -95.7588)
contains.

YUV(109.1890, -20.7992, -95.7588)	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>	30

Color

**YUV(109.1890, -20.7992,
-95.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD43
RGB	0, 173, 67
RGB Percent	0%, 68%, 26%
CMY	1.0000, 0.3216, 0.7373
CMYK	1.00, 0.00, 0.61, 0.32
HSL	143°, 100%, 34%
HSV	143°, 100%, 68%
XYZ	15.9567, 30.2924, 10.3162
YIQ	109.1890, -69.0820, -69.6420

Conversions

Conversions Part 2

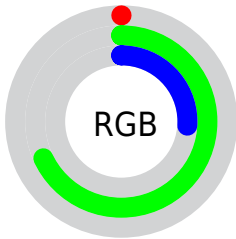
Format	Color
RYB	0, 125, 173
Decimal	44355
CIELab	61.91, -59.97, 43.14
CIELCh	62, 73.879, 144.269
Yxy	30.2924, 0.2821, 0.5355
Android (android.graphics.Color)	4278234435 (0xFF00AD43)
YUV	109.1890, -20.7992, -95.7588
Hunter-Lab	55.0385, -44.5669, 27.4139

Details

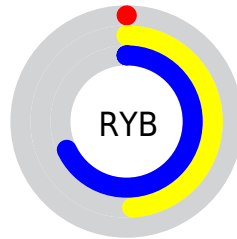
The YUV color **109.1890, -20.7992, -95.7588** is a dark color, and the websafe version is hex **009933**, and the color name is **green (pantone)**. A complement of this color would be **63.8110, 20.7992, 95.7588**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3830, -28.2898, -73.1269**, and **71.2210, -29.1960, -62.4608** is the 20% darker color. If you saturate the color by 10%, you get **109.1890, -20.7992, -95.7588**, and if you desaturate by 10%, it is **115.5260, -18.5003, -86.4073**.

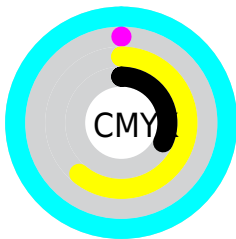
Distribution



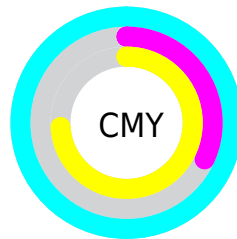
- Red (0%)
- Green (68%)
- Blue (26%)



- Red (0%)
- Yellow (49%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1890, -20.7992, -95.7588 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 109.1890, -20.7992, -95.7588 by changing the saturation by 10% instead.

■ 109.1890,
-20.7992, -95.7588

■ 109.1890,
-20.7992, -95.7588

■ 255.0000, 0.0000,
0.0000

■ 90.3760, -24.3424,
-79.2598

■ 176.3830,
-28.2898, -73.1269

■ 71.2210, -29.1960,
-62.4608

■ 203.2910,
-28.7375, -69.5382

■ 54.5910, -26.9134,
-47.8763

■ 215.6380,
-21.5135, -53.1795

■ 39.9160, -19.6786,
-35.0063

■ 227.8000,
-13.7054, -37.5356

■ 26.4150, -13.0226,
-23.1660

■ 240.0760, -5.4605,
-21.9917

■ 7.6310, -3.7621,
-6.6924

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 109.1890,
-20.7992, -95.7588

■ 115.5260,
-18.5003, -86.4073

■ 122.0480,
-16.7857, -76.3411

■ 128.3850,
-14.4868, -66.9896

■ 134.6080,
-12.6247, -57.5382

■ 141.2440,
-10.4733, -47.5720

■ 147.5810, -8.1744,
-38.2205

■ 153.8040, -6.3124,
-28.7691

■ 160.1410, -4.0135,
-19.4177

■ 166.6630, -2.2989,
-9.3515

Harmonies

Analogous

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



133.3660, -65.7494, -4.7060



109.1890, -20.7992, -95.7588



119.7620, 7.0193, -105.0313

Triad

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



109.1890, -20.7992, -95.7588



123.5770, 64.7915, -108.3770



137.5400, -18.5072, 103.0124

Complementary

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



109.1890, -20.7992, -95.7588



63.8110, 20.7992, 95.7588

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.



141.4280, 11.6210, 99.6026



109.1890, -20.7992, -95.7588



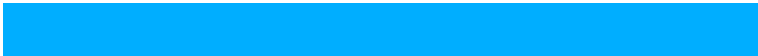
145.9560, 53.7587, -22.7634

Square

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



109.1890, -20.7992, -95.7588



131.2080, 61.0295, -115.0694



152.3850, 36.7852, 54.9134



142.2270, -50.8909, 83.1159

Rectangle

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



109.1890, -20.7992, -95.7588



125.5930, 26.8227, -110.1451



152.3850, 36.7852, 54.9134



136.4120, -7.5981, 104.0017

Sweetspot

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



109.1890, -20.7992, -95.7588



199.2930, -8.0324, -37.0910



133.5440, -65.8372, -23.2791



97.1900, -5.0237, -22.0916



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



109.1890, -20.7992, -95.7588



141.4060, -26.8222, -124.0131



118.9930, 16.7655, -104.3569



83.6250, -1.2941, -4.9331



94.6620, -18.0744, -83.0186



14.5270, -2.7248, -12.7402

Inverse Universe

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



63.8110, 20.7992, 95.7588



82.5940, 26.8222, 124.0131



54.0070, -16.7655, 104.3569



81.2610, 0.8573, 5.0331



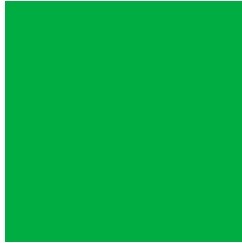
55.3380, 18.0744, 83.0186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 109.1890, -20.7992, -95.7588 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 109.1890, -20.7992, -95.7588 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 109.1890, -20.7992, -95.7588 Background



This preview shows how black text looks on a background with the YUV color 109.1890, -20.7992, -95.7588.



This preview shows how white text looks on a background with the YUV color 109.1890, -20.7992, -95.7588.

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



Protanopia

143.9370, -41.3809, 19.3493

Deuteranopia

146.4360, -34.7249, 31.1896

Tritanopia

135.6750, 19.3872, -58.4740

Trichromacy



Protanomaly

131.6220, -33.8306, -22.4705

Deuteranomaly

132.8170, -29.4898, -14.7485

Tritanomaly

126.1020, 4.8797, -72.0035

Monochromacy



Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8310, -7.3117, -34.9318

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1890, -20.7992, -95.7588 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(0, 173, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 67)  
}
```

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(0, 173, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 67) }
```

Border

The CSS property to change the border of an element to YUV 109.1890, -20.7992, -95.7588 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(0, 173, 67) }
```

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

```
.border{ border-color:rgb(0, 173, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 67)  
}
```


Background

The CSS property to change the background color of an element to YUV 109.1890, -20.7992, -95.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 67) }
```

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

```
.background{ background-color: rgb(0, 173,  
67) }
```

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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