

Converting Colors

YUV(180.4540, -55.9328,
-26.7082)

Have a look what the booklet for
YUV(180.4540, -55.9328, -26.7082)
contains.

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Color

**YUV(180.4540, -55.9328,
-26.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	96DA43
RGB	150, 218, 67
RGB Percent	59%, 85%, 26%
CMY	0.4118, 0.1451, 0.7373
CMYK	0.31, 0.00, 0.69, 0.15
HSL	87°, 67%, 56%
HSV	87°, 69%, 85%
XYZ	38.6622, 57.0321, 14.2808
YIQ	180.4540, 7.9430, -61.3770

Conversions

Conversions Part 2

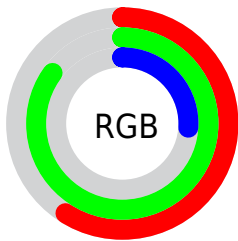
Format	Color
RYB	67, 218, 135
Decimal	9886275
CIELab	80.20, -44.18, 64.24
CIELCh	80, 77.965, 124.514
Yxy	57.0321, 0.3516, 0.5186
Android (android.graphics.Color)	4288076355 (0xFF96DA43)
YUV	180.4540, -55.9328, -26.7082
Hunter-Lab	75.5196, -40.7763, 41.6520

Details

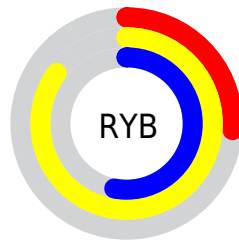
The YUV color **180.4540, -55.9328, -26.7082** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **104.5460, 55.9328, 26.7082**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8990, -50.7292, -15.6974**, and **123.4880, -60.8796, -26.7380** is the 20% darker color. If you saturate the color by 10%, you get **174.9560, -64.0683, -30.6564**, and if you desaturate by 10%, it is **185.9520, -47.7973, -22.7599**.

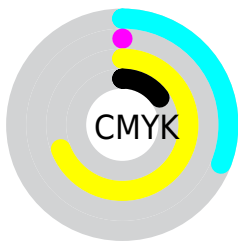
Distribution



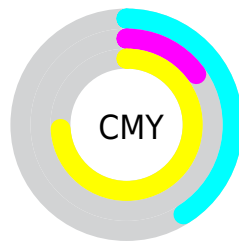
- Red (59%)
- Green (85%)
- Blue (26%)



- Red (26%)
- Yellow (85%)
- Blue (53%)



- Cyan (31%)
- Magenta (0%)
- Yellow (69%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4540, -55.9328, -26.7082 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 180.4540, -55.9328, -26.7082 by changing the saturation by 10% instead.

■ 180.4540,
-55.9328, -26.7082

■ 180.4540,
-55.9328, -26.7082

255.0000, 0.0000,
0.0000

■ 152.1120,
-57.2432, -26.4082

■ 225.8990,
-50.7292, -15.6974

■ 123.4880,
-60.8796, -26.7380

■ 238.0610,
-42.9211, -0.0535

■ 98.9680, -48.7912,
-30.6669

■ 246.3360,
-33.1966, 7.5983

■ 74.4370, -36.6974,
-36.3402

■ 249.6420,
-20.5295, 4.6990

■ 49.8950, -24.5982,
-43.7579

■ 252.9480, -7.8624,
1.7996

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 180.4540,
-55.9328, -26.7082

■ 180.4540,
-55.9328, -26.7082

■ 174.9560,
-64.0683, -30.6564

■ 185.9520,
-47.7973, -22.7599

■ 169.4580,
-72.2038, -34.6047

■ 191.4500,
-39.6618, -18.8116

■ 164.3730,
-80.0499, -38.0381

■ 196.5350,
-31.8158, -15.3782

■ 163.8460,
-80.7761, -38.4529

■ 202.0330,
-23.6803, -11.4299

■ 207.5310,
-15.5448, -7.4817

■ 213.0290, -7.4093,
-3.5334

■ 218.5270, 0.7262,
0.4148

■ 223.9110, 8.4249,
4.4631

■ 228.1980, 13.2134,
8.5964

Harmonies

Analogous

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



187.1660, -78.9618, 33.1804



180.4540, -55.9328, -26.7082



149.5850, -8.1764, -131.1860

Triad

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



180.4540, -55.9328, -26.7082



159.9710, 46.8493, -140.2946



172.5680, 9.0870, 72.2929

Complementary

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



180.4540, -55.9328, -26.7082



104.5460, 55.9328, 26.7082

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.



189.2560, 32.4118, 57.6575



180.4540, -55.9328, -26.7082



148.8180, 52.3477, -130.5134

Square

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



180.4540, -55.9328, -26.7082



165.2540, 44.2448, -144.9278



196.0800, 29.0476, 16.5928



173.2790, -26.2665, 71.6693

Rectangle

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



180.4540, -55.9328, -26.7082



157.0460, 12.7953, -137.7293



196.0800, 29.0476, 16.5928



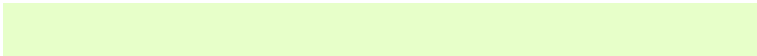
176.4780, 18.9913, 68.8638

Sweetspot

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



180.4540, -55.9328, -26.7082



241.6680, -20.0493, -9.3558



152.0650, -41.9370, 57.8250



119.8670, -11.7664, -6.0224



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.



180.4540, -55.9328, -26.7082



202.4270, -78.5975, -37.2085



158.0290, -44.8773, -72.8164



107.2510, -4.0677, -1.9741



129.9560, -64.0683, -30.6564



34.4770, -16.9972, -8.3113

Inverse Universe

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



104.5460, 55.9328, 26.7082



95.8720, 78.4501, 37.8233



126.9710, 44.8773, 72.8164



101.7490, 4.0677, 1.9741



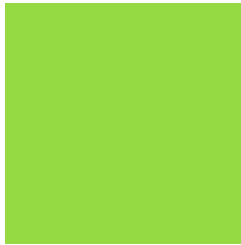
43.0440, 64.0683, 30.6564



11.5230, 16.9972, 8.3113

Previews

White Background



This preview shows how the YUV color 180.4540, -55.9328, -26.7082 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 180.4540, -55.9328, -26.7082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

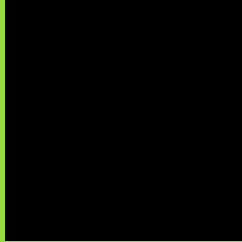
Any Text WCAG AA ✓ Pass

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 180.4540, -55.9328, -26.7082 Background



This preview shows how black text looks on a background with the YUV color 180.4540, -55.9328, -26.7082.



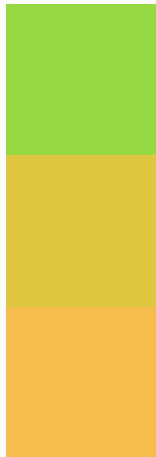
This preview shows how white text looks on a background with the YUV color 180.4540, -55.9328, -26.7082.

-26.7082.

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

180.4540, -55.9328, -26.7082

Protanopia

189.6720, -62.9423, 28.3517

Deuteranopia

192.8020, -56.5974, 46.6546



Tritanopia

195.6580, 12.0006, -22.5021

Trichromacy



Original Color

180.4540, -55.9328, -26.7082

Protanomaly

186.2350, -60.2619, 8.5639

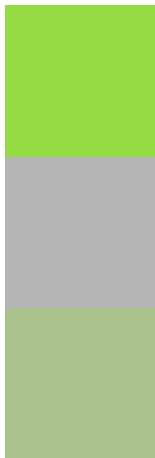
Deuteranomaly

188.3380, -56.3686, 19.8746

Tritanomaly

190.1160, -12.8752, -23.7807

Monochromacy



Original Color

180.4540, -55.9328, -26.7082

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2550, -20.3387, -9.8706

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4540, -55.9328, -26.7082 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(150, 218, 67)` looks like.

```
.text, #text, p{  
    color:rgb(150, 218, 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(150, 218, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 218, 67) }
```

Border

The CSS property to change the border of an element to YUV 180.4540, -55.9328, -26.7082 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(150, 218, 67) }
```


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

```
.border{ border-color:rgb(150, 218, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 218, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 218, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 218, 67);  
box-shadow:4px 4px 4px 4px rgb(150, 218,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 180.4540, -55.9328, -26.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 218, 67) }
```

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

```
.background{ background-color: rgb(150,  
218, 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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