

Converting Colors

YUV(112.8850, -42.8343,
-27.9631)

Have a look what the booklet for
YUV(112.8850, -42.8343, -27.9631)
contains.

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Color

**YUV(112.8850, -42.8343,
-27.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	51921A
RGB	81, 146, 26
RGB Percent	32%, 57%, 10%
CMY	0.6824, 0.4275, 0.8980
CMYK	0.45, 0.00, 0.82, 0.43
HSL	92°, 70%, 34%
HSV	92°, 82%, 57%
XYZ	13.8587, 22.3817, 4.5670
YIQ	112.8850, -0.2200, -51.1000

Conversions

Conversions Part 2

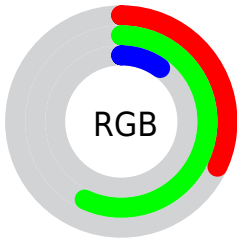
Format	Color
R_{YB}	26, 146, 91
Decimal	5345818
CIE _{Lab}	54.43, -40.41, 51.94
CIE _{LCh}	54, 65.809, 127.882
Yxy	22.3817, 0.3396, 0.5485
Android (android.graphics.Color)	4283535898 (0xFF51921A)
YUV	112.8850, -42.8343, -27.9631
Hunter-Lab	47.3093, -30.5018, 27.3930

Details

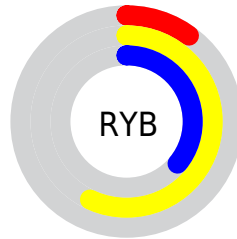
The YUV color **112.8850, -42.8343, -27.9631** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **59.1150, 42.8343, 27.9631**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8850, -42.8343, -27.9631**, and **62.0440, -30.5877, -35.9956** is the 20% darker color. If you saturate the color by 10%, you get **108.7830, -48.2070, -31.3817**, and if you desaturate by 10%, it is **116.9870, -37.4616, -24.5446**.

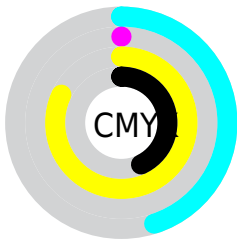
Distribution



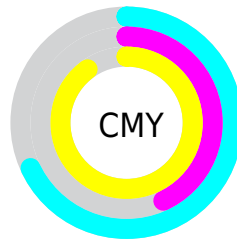
- Red (32%)
- Green (57%)
- Blue (10%)



- Red (10%)
- Yellow (57%)
- Blue (36%)



- Cyan (45%)
- Magenta (0%)
- Yellow (82%)
- Black (43%)



- Cyan (68%)
- Magenta (43%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8850, -42.8343, -27.9631 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 112.8850, -42.8343, -27.9631 by changing the saturation by 10% instead.

■ 112.8850,
-42.8343, -27.9631

■ 112.8850,
-42.8343, -27.9631

255.0000, 0.0000,
0.0000

■ 86.2870, -42.5395,
-29.1927

■ 167.8850,
-42.8343, -27.9631

■ 62.0440, -30.5877,
-35.9956

■ 195.7710,
-43.2711, -27.8632

■ 41.0900, -20.2574,
-36.0359

■ 222.4830,
-43.1291, -26.7336

■ 27.5890, -13.6014,
-24.1956

■ 234.2320,
-35.6104, -11.6045

■ 14.0880, -6.9454,
-12.3552

■ 246.3940,
-27.8022, 4.0395

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

112.8850,
-42.8343, -27.9631

112.8850,
-42.8343, -27.9631

108.7830,
-48.2070, -31.3817

116.9870,
-37.4616, -24.5446

105.7350,
-52.1274, -33.9706

120.9750,
-32.5257, -21.0261

125.0770,
-27.1530, -17.6075

129.0650,
-22.2170, -14.0890

133.1670,
-16.8443, -10.6705

■ 136.9700,
-11.3242, -7.8667

■ 140.9580, -6.3883,
-4.3482

■ 145.0600, -1.0156,
-0.9296

■ 149.0480, 3.9203,
2.5889

Harmonies

Analogous

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



120.2410, -59.2788, 19.9596



112.8850, -42.8343, -27.9631



99.5010, -7.1490, -87.2624

Triad

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



112.8850, -42.8343, -27.9631



113.7800, 60.2545, -99.7851



122.4370, -2.1874, 95.2098

Complementary

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



112.8850, -42.8343, -27.9631



59.1150, 42.8343, 27.9631

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.



129.2870, 22.0435, 69.9083



112.8850, -42.8343, -27.9631



105.3000, 68.3791, -92.3481

Square

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



112.8850, -42.8343, -27.9631



113.6710, 42.0672, -99.6895



133.4400, 43.1671, 14.5231



123.4550, -29.8043, 86.4240

Rectangle

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



112.8850, -42.8343, -27.9631



105.7080, 9.0180, -92.7059



133.4400, 43.1671, 14.5231



123.9940, 6.4120, 90.3363

Sweetspot

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



112.8850, -42.8343, -27.9631



175.8680, -16.6969, -11.2852



99.4480, -36.2099, 40.8261



86.3230, -10.0192, -6.4223



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.8850, -42.8343, -27.9631



137.4830, -66.7931, -43.3966



96.8960, -32.9797, -62.1758



72.0060, -2.4680, -1.7593



99.8430, -49.2226, -32.3113



7.3650, -3.6309, -2.0741

Inverse Universe

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



59.1150, 42.8343, 27.9631



53.5170, 66.7931, 43.3966



75.1040, 32.9797, 62.1758



68.9940, 2.4680, 1.7593



38.1570, 49.2226, 32.3113



2.9340, 3.4835, 2.6889

Previews

White Background



This preview shows how the YUV color 112.8850, -42.8343, -27.9631 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8850, -42.8343, -27.9631 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 × Fail

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

YUV 112.8850, -42.8343, -27.9631 Background



This preview shows how black text looks on a background with the YUV color 112.8850, -42.8343, -27.9631.



This preview shows how white text looks on a background with the YUV color 112.8850, -42.8343, -27.9631.

-27.9631.

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

112.8850, -42.8343, -27.9631

Protanopia

122.4720, -49.5327, 20.6341

Deuteranopia

124.9710, -42.8767, 32.4744



Tritanopia

125.8920, 10.4062, -24.4613

Trichromacy



Original Color

112.8850, -42.8343, -27.9631

Protanomaly

118.9320, -47.2945, 2.6906

Deuteranomaly

120.5400, -42.6642, 10.9274

Tritanomaly

121.4300, -9.0860, -25.8101

Monochromacy



Original Color

112.8850, -42.8343, -27.9631

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8080, -15.6813, -10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8850, -42.8343, -27.9631 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(81, 146, 26)` looks like.

```
.text, #text, p{  
    color:rgb(81, 146, 26)  
}
```

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(81, 146, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 146, 26) }
```

Border

The CSS property to change the border of an element to YUV 112.8850, -42.8343, -27.9631 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(81, 146, 26) }
```


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

```
.border{ border-color:rgb(81, 146, 26) }
```

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

Here you see how a box with a 4 pixel rgb(81, 146, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 146, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 146, 26);  
box-shadow:4px 4px 4px 4px rgb(81, 146,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 112.8850, -42.8343, -27.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 146, 26) }
```

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

```
.background{ background-color: rgb(81, 146,  
26) }
```

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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