

Converting Colors

YUV(56.2400, -27.7263,
-20.3815)

Have a look what the booklet for
YUV(56.2400, -27.7263, -20.3815)
contains.

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Color

**YUV(56.2400, -27.7263,
-20.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	214F00
RGB	33, 79, 0
RGB Percent	13%, 31%, 0%
CMY	0.8706, 0.6902, 1.0000
CMYK	0.58, 0.00, 1.00, 0.69
HSL	95°, 100%, 15%
HSV	95°, 100%, 31%
XYZ	3.4232, 5.9153, 0.9613
YIQ	56.2400, -2.0570, -34.3210

Conversions

Conversions Part 2

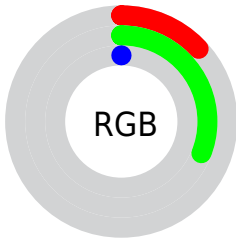
Format	Color
RYB	0, 79, 46
Decimal	2182912
CIELab	29.20, -29.70, 36.59
CIELCh	29, 47.125, 129.064
Yxy	5.9153, 0.3324, 0.5743
Android (android.graphics.Color)	4280372992 (0xFF214F00)
YUV	56.2400, -27.7263, -20.3815
Hunter-Lab	24.3214, -17.4389, 14.6814

Details

The YUV color **56.2400, -27.7263, -20.3815** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **22.7600, 27.7263, 20.3815**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6530, -27.4369, -19.8667**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **56.2400, -27.7263, -20.3815**, and if you desaturate by 10%, it is **58.6470, -24.9690, -18.1074**.

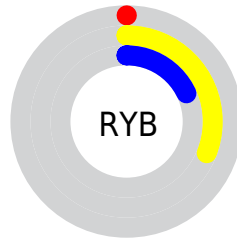
Distribution



Red (13%)

Green (31%)

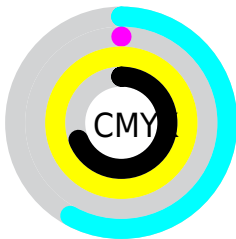
Blue (0%)



Red (0%)

Yellow (31%)

Blue (18%)

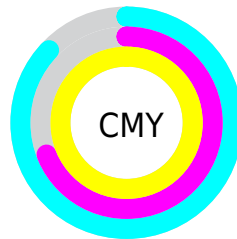


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (87%)


Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.2400, -27.7263, -20.3815 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 56.2400, -27.7263, -20.3815 by changing the saturation by 10% instead.


 56.2400, -27.7263,
-20.3815


 56.2400, -27.7263,
-20.3815


 252.8340, -8.2992,
1.8996

 34.6660, -17.0903,
-25.1401


 106.6530,
-27.4369, -19.8667


 20.5450, -10.1287,
-18.0180

 132.4250,
-28.3105, -19.6667

 0.0000, 0.0000,
0.0000


 158.8980,
-29.0367, -20.0815

 186.3710,
-29.7629, -20.4964


 214.2570,
-30.1997, -20.3964


 235.9850,


-27.6006, -14.0188


 247.8480,
-19.6451, 1.0103


 56.2400, -27.7263,
-20.3815

 58.6470, -24.9690,
-18.1074

 60.7550, -22.0642,
-16.4481

 63.1620, -19.3069,
-14.1741

 65.2700, -16.4021,
-12.5148

 67.6770, -13.6448,
-10.2407

■ 69.9700, -11.3242,
-7.8667

■ 72.0780, -8.4195,
-6.2074

■ 74.4850, -5.6621,
-3.9333

■ 76.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



64.1020, -31.6023, 9.5575



56.2400, -27.7263, -20.3815



53.3950, -6.1107, -46.8274

Triad

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



56.2400, -27.7263, -20.3815



62.5780, 36.6900, -54.8809



60.2820, -0.6320, 62.8967

Complementary

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



56.2400, -27.7263, -20.3815



22.7600, 27.7263, 20.3815

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.



66.1950, 14.6939, 47.1870



56.2400, -27.7263, -20.3815



57.2780, 41.7679, -50.2328

Square

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



56.2400, -27.7263, -20.3815



62.3040, 25.4861, -54.6406



70.2920, 27.4640, 11.1449



63.0040, -19.2290, 54.3705

Rectangle

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



56.2400, -27.7263, -20.3815



57.5330, 4.6672, -50.4564



70.2920, 27.4640, 11.1449



61.1660, 5.3412, 60.3674

Sweetspot

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



56.2400, -27.7263, -20.3815



93.0840, -10.8874, -7.9667



50.0360, -24.6677, 25.4014



45.6590, -6.2409, -4.9629



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



56.2400, -27.7263, -20.3815



72.7310, -35.8564, -26.0741



46.9430, -20.6779, -41.1690



36.9460, -1.4524, -0.8296



163.7140, -80.7110, -59.3852

Inverse Universe

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



22.7600, 27.7263, 20.3815



29.2690, 35.8564, 26.0741



32.0570, 20.6779, 41.1690



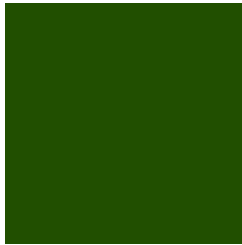
35.3530, 1.3050, 1.4444



66.2860, 80.7110, 59.3852

Previews

White Background



This preview shows how the YUV color 56.2400, -27.7263, -20.3815 looks on a white background.

Color Contrast Check

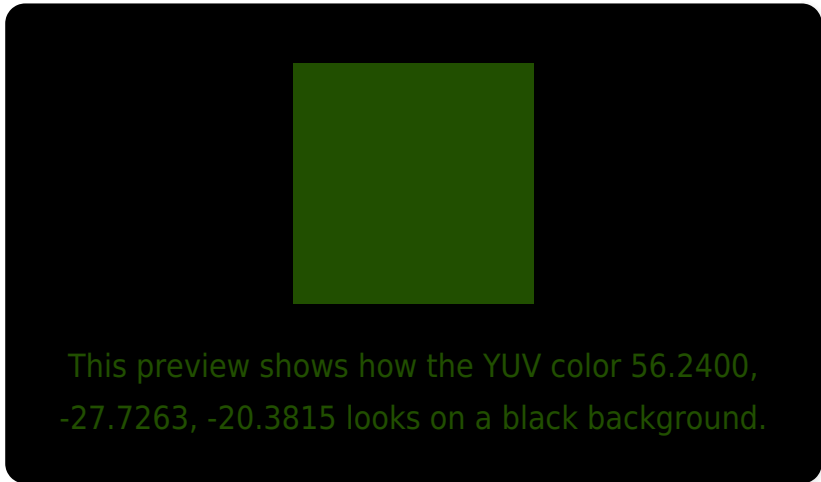
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 56.2400, -27.7263, -20.3815

Background



This preview shows how black text looks on a background with the YUV color 56.2400, -27.7263, -20.3815.



This preview shows how white text looks on a background with the YUV color 56.2400, -27.7263, -20.3815.

-20.3815.

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

56.2400, -27.7263, -20.3815

Protanopia

63.8250, -31.4657, 12.4315

Deuteranopia

65.9920, -24.6461, 18.4240



Tritanopia

65.3120, 6.7482, -17.8136

Trichromacy



Original Color

56.2400, -27.7263, -20.3815

Protanomaly

61.3890, -30.2648, 0.5358

Deuteranomaly

62.2630, -25.7657, 4.1543

Tritanomaly

61.9840, -5.9081, -18.4030

Monochromacy



Original Color

56.2400, -27.7263, -20.3815

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0240, -9.8718, -7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.2400, -27.7263, -20.3815 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(33, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(33, 79, 0)  
}
```

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(33, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 79, 0) }
```

Border

The CSS property to change the border of an element to YUV 56.2400, -27.7263, -20.3815 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(33, 79, 0) }
```

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

```
.border{ border-color:rgb(33, 79, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 79, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 79, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 79, 0); box-shadow:4px  
4px 4px 4px rgb(33, 79, 0) }
```

Background

The CSS property to change the background color of an element to YUV 56.2400, -27.7263, -20.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 79, 0) }
```

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

```
.background{ background-color: rgb(33, 79,  
0) }
```

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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