

Converting Colors

YUV(85.5020, -27.8555,
67.9657)

Have a look what the booklet for
YUV(85.5020, -27.8555, 67.9657)
contains.

YUV(85.5020, -27.8555, 67.9657)	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(85.5020, -27.8555,
67.9657)**

Conversions

Conversions Part 1

Format	Color
Hex	A3391D
RGB	163, 57, 29
RGB Percent	64%, 22%, 11%
CMY	0.3608, 0.7765, 0.8863
CMYK	0.00, 0.65, 0.82, 0.36
HSL	13°, 70%, 38%
HSV	13°, 82%, 64%
XYZ	16.7892, 10.8015, 2.3624
YIQ	85.5020, 72.1640, 13.7640

Conversions

Conversions Part 2

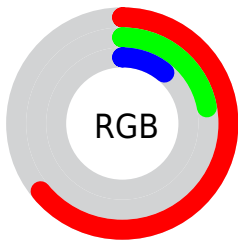
Format	Color
RYB	163, 64, 29
Decimal	10696989
CIELab	39.24, 42.42, 39.47
CIElCh	39, 57.942, 42.933
Yxy	10.8015, 0.5605, 0.3606
Android (android.graphics.Color)	4288887069 (0xFFA3391D)
YUV	85.5020, -27.8555, 67.9657
Hunter-Lab	32.8656, 33.6705, 18.7441

Details

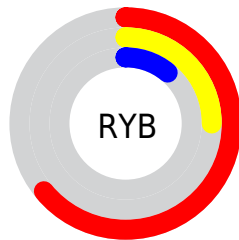
The YUV color **85.5020, -27.8555, 67.9657** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **106.4980, 27.8555, -67.9657**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5090, -31.8029, 74.0986**, and **31.0960, -15.3303, 63.9368** is the 20% darker color. If you saturate the color by 10%, you get **76.0470, -31.0822, 76.2578**, and if you desaturate by 10%, it is **94.9570, -24.6288, 59.6737**.

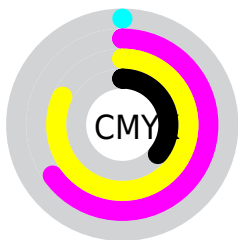
Distribution



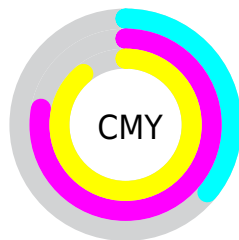
- Red (64%)
- Green (22%)
- Blue (11%)



- Red (64%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (65%)
- Yellow (82%)
- Black (36%)





- Cyan (36%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.5020, -27.8555, 67.9657 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 85.5020, -27.8555, 67.9657 by changing the saturation by 10% instead.


 85.5020, -27.8555,
67.9657

 85.5020, -27.8555,
67.9657


255.0000, 0.0000,
0.0000


 57.9470, -26.1029,
65.8215


 139.5090,
-31.8029, 74.0986

 31.0960, -15.3303,
63.9368

 166.8900,
-32.9768, 77.2725

 22.1260, -10.9081,
45.4935

 186.1760,
-30.1598, 60.3586

 14.8790, -6.3493,
29.9241

 204.9890,
-26.6166, 43.8596

 0.0000, 0.0000,
0.0000

 225.0900,
-23.2154, 26.2311

 245.3050,

-19.3774, 8.5025

252.6060, -9.1728,
2.0995

85.5020, -27.8555,
67.9657

85.5020, -27.8555,
67.9657

76.0470, -31.0822,
76.2578

94.9570, -24.6288,
59.6737

68.6950, -33.8666,
82.7055

104.5260,
-20.9653, 51.2817

113.9810,
-17.7386, 42.9897

123.4360,
-14.5119, 34.6976

132.4180,
-10.5591, 26.8204

■ 141.8730, -7.3324,
18.5284

■ 151.3280, -4.1057,
10.2363

■ 160.7830, -0.8790,
1.9443

■ 170.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



81.8930, -3.8912, 81.6548



85.5020, -27.8555, 67.9657



87.0260, -42.9038, 41.1962

Triad

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



85.5020, -27.8555, 67.9657



72.3390, -4.6041, -63.4413



74.5070, 54.4730, -65.3426

Complementary

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



85.5020, -27.8555, 67.9657



106.4980, 27.8555, -67.9657

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.



82.4970, 49.5480, -72.3499



85.5020, -27.8555, 67.9657



79.0990, 16.2202, -69.3698

Square

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



85.5020, -27.8555, 67.9657



74.1860, -32.6297, -34.3661



83.5280, 35.7287, -73.2541



94.5520, 33.2519, 21.4409

Rectangle

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



85.5020, -27.8555, 67.9657



86.2960, -42.5439, 19.0344



83.5280, 35.7287, -73.2541



78.3710, 54.0471, -68.7314

Sweetspot

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



85.5020, -27.8555, 67.9657



181.3040, -10.9959, 26.9204



81.2640, 26.9848, 71.6825



88.6770, -6.7428, 16.0693



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



85.5020, -27.8555, 67.9657



90.6180, -43.6887, 106.4520



124.2440, -46.9553, 33.9890



76.8650, -1.9054, 4.5034



60.9650, -30.0557, 73.6987



7.7300, -3.8109, 9.0068

Inverse Universe

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



106.4980, 27.8555, -67.9657



123.3820, 43.6887, -106.4520



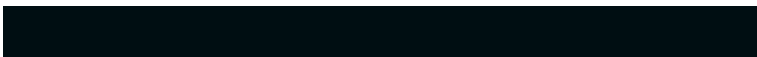
67.7560, 46.9553, -33.9890



78.1350, 1.9054, -4.5034



84.0350, 30.0557, -73.6987



10.2700, 3.8109, -9.0068

Previews

White Background



This preview shows how the YUV color 85.5020, -27.8555, 67.9657 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 × Fail

Black Background



This preview shows how the YUV color 85.5020, -27.8555, 67.9657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

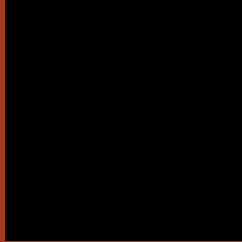
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5020, -27.8555, 67.9657

Background



This preview shows how black text looks on a background with the YUV color 85.5020, -27.8555, 67.9657.



This preview shows how white text looks on a background with the YUV color 85.5020, -27.8555,

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

85.5020, -27.8555, 67.9657

Protanopia

90.7200, -25.4980, 11.6466

Deuteranopia

89.5770, -35.2875, 24.9270



Tritanopia

87.2320, -14.9044, 67.3255

Trichromacy



Original Color

85.5020, -27.8555, 67.9657

Protanomaly

88.9120, -26.5786, 31.6492

Deuteranomaly

87.7730, -32.4261, 40.5411

Tritanomaly

86.6790, -19.5617, 67.8105

Monochromacy



Original Color

85.5020, -27.8555, 67.9657

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.5210, -10.1169, 24.9761

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5020, -27.8555, 67.9657 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(163, 57, 29)` looks like.

```
.text, #text, p{  
    color:rgb(163, 57, 29)  
}
```

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(163, 57, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 57, 29) }
```

Border

The CSS property to change the border of an element to YUV 85.5020, -27.8555, 67.9657 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(163, 57, 29) }
```


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

```
.border{ border-color:rgb(163, 57, 29) }
```

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

Here you see how a box with a 4 pixel rgb(163, 57, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 57, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 57, 29);  
box-shadow:4px 4px 4px 4px rgb(163, 57,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 85.5020, -27.8555, 67.9657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 57, 29) }
```

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

```
.background{ background-color: rgb(163, 57,  
29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor