

Converting Colors

YUV(67.9370, -21.1679,
22.8573)

Have a look what the booklet for
YUV(67.9370, -21.1679, 22.8573)
contains.

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Color

**YUV(67.9370, -21.1679,
22.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3F19
RGB	94, 63, 25
RGB Percent	37%, 25%, 10%
CMY	0.6314, 0.7529, 0.9020
CMYK	0.00, 0.33, 0.73, 0.63
HSL	33°, 58%, 23%
HSV	33°, 73%, 37%
XYZ	6.5691, 6.0049, 1.7325
YIQ	67.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

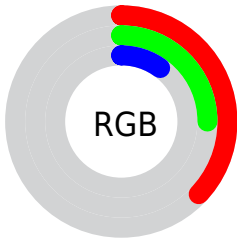
Format	Color
RYB	81, 94, 25
Decimal	6176537
CIELab	29.42, 9.39, 28.01
CIELCh	29, 29.548, 71.461
Yxy	6.0049, 0.4592, 0.4197
Android (android.graphics.Color)	4284366617 (0xFF5E3F19)
YUV	67.9370, -21.1679, 22.8573
Hunter-Lab	24.5049, 4.9673, 12.9615

Details

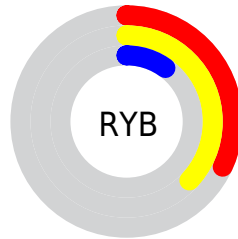
The YUV color **67.9370, -21.1679, 22.8573** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.0630, 21.1679, -22.8573**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0900, -23.2154, 26.2311**, and **25.4830, -12.5631, 16.2394** is the 20% darker color. If you saturate the color by 10%, you get **64.5630, -23.9416, 25.8162**, and if you desaturate by 10%, it is **71.3110, -18.3943, 19.8983**.

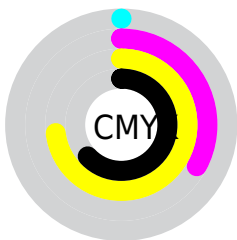
Distribution



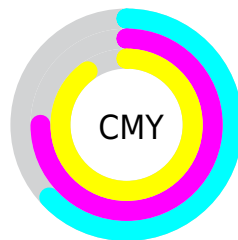
- Red (37%)
- Green (25%)
- Blue (10%)



- Red (32%)
- Yellow (37%)
- Blue (10%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (63%)



- Cyan (63%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9370, -21.1679, 22.8573 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 67.9370, -21.1679, 22.8573 by changing the saturation by 10% instead.

■ 67.9370, -21.1679,
22.8573

■ 67.9370, -21.1679,
22.8573

■ 255.0000, 0.0000,
0.0000

■ 44.6980, -22.0361,
21.3129

■ 117.0900,
-23.2154, 26.2311

■ 25.4830, -12.5631,
16.2394

■ 142.8730,
-24.0944, 28.1754

■ 5.0830, -2.5059,
10.4512

■ 169.3570,
-24.8260, 29.5049

■ 0.0000, 0.0000,
0.0000

■ 196.8410,
-25.5576, 30.8344

■ 223.2320,
-25.2574, 27.8605

■ 242.7460,

-21.5668, 10.7468

■ 251.9220,
-11.7935, 2.6994

■ 67.9370, -21.1679,
22.8573

■ 67.9370, -21.1679,
22.8573

■ 64.5630, -23.9416,
25.8162

■ 71.3110, -18.3943,
19.8983

■ 61.0750, -27.1520,
28.8752

■ 74.7990, -15.1839,
16.8393

■ 58.6300, -28.9046,
31.0195

■ 78.7600, -12.6997,
13.3655

■ 82.2480, -9.4893,
10.3065

■ 85.6220, -6.7156,
7.3475

■ 88.9960, -3.9420,
4.3885

■ 93.0710, -1.0210,
0.8147

■ 96.4450, 1.7526,
-2.1443

■ 99.9330, 4.9630,
-5.2032

Harmonies

Analogous

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



68.5500, -14.0751, 34.5977



67.9370, -21.1679, 22.8573



66.3110, -21.8453, 6.7433

Triad

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



67.9370, -21.1679, 22.8573



56.4390, 10.6296, -49.4970



71.5940, 15.9762, 9.1261

Complementary

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



67.9370, -21.1679, 22.8573



51.0630, 21.1679, -22.8573

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.



66.9540, 23.1937, -19.2537



67.9370, -21.1679, 22.8573



58.2460, 20.0917, -51.0817

Square

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



67.9370, -21.1679, 22.8573



54.9100, -0.4486, -42.8941



57.3800, 26.9277, -50.3223



71.1960, 6.3124, 28.7691

Rectangle

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



67.9370, -21.1679, 22.8573



64.5590, -18.0236, -5.7522



57.3800, 26.9277, -50.3223



70.8210, 18.3292, 1.0340

Sweetspot

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



67.9370, -21.1679, 22.8573



111.8780, -8.3209, 8.8770



49.1650, 3.3697, 39.3203



55.0670, -4.9630, 5.2032



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.9370, -21.1679, 22.8573



81.6260, -32.8466, 35.4080



85.2370, -29.6968, 5.0542



44.2560, -1.6052, 1.5295



68.1100, -33.5782, 36.7375



147.7600, -72.8457, 78.2635

Inverse Universe

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



51.0630, 21.1679, -22.8573



55.3740, 32.8466, -35.4080



33.7630, 29.6968, -5.0542



42.7440, 1.6052, -1.5295



41.3030, 33.8676, -36.2227



89.8270, 72.5563, -78.7783

Previews

White Background



This preview shows how the YUV color 67.9370, -21.1679, 22.8573 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



This preview shows how the YUV color 67.9370, -21.1679, 22.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

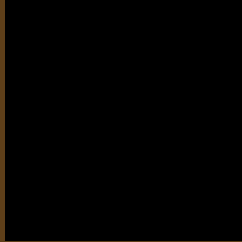
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9370, -21.1679, 22.8573

Background



This preview shows how black text looks on a background with the YUV color 67.9370, -21.1679, 22.8573.



This preview shows how white text looks on a background with the YUV color 67.9370, -21.1679,

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

67.9370, -21.1679, 22.8573

Protanopia

67.4900, -19.9616, 9.2173

Deuteranopia

67.4910, -21.4411, 17.1094



Tritanopia

70.5190, -3.7069, 22.3468

Trichromacy



Original Color

67.9370, -21.1679, 22.8573

Protanomaly

67.4090, -20.4146, 14.5503

Deuteranomaly

67.8010, -21.5939, 19.4685

Tritanomaly

69.2110, -9.9640, 22.6170

Monochromacy



Original Color

67.9370, -21.1679, 22.8573

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6930, -7.7366, 8.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9370, -21.1679, 22.8573 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(94, 63, 25)` looks like.

```
.text, #text, p{  
    color:rgb(94, 63, 25)  
}
```

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(94, 63, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 63, 25) }
```

Border

The CSS property to change the border of an element to YUV 67.9370, -21.1679, 22.8573 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(94, 63, 25) }
```


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

```
.border{ border-color:rgb(94, 63, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 63, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 63, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 63, 25);  
box-shadow:4px 4px 4px 4px rgb(94, 63, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9370, -21.1679, 22.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 63, 25) }
```

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

```
.background{ background-color: rgb(94, 63,  
25) }
```

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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