

Converting Colors

YUV(76.9260, -27.5715,
70.2249)

Have a look what the booklet for
YUV(76.9260, -27.5715, 70.2249)
contains.

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Color

**YUV(76.9260, -27.5715,
70.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F15
RGB	157, 47, 21
RGB Percent	62%, 18%, 8%
CMY	0.3843, 0.8157, 0.9176
CMYK	0.00, 0.70, 0.87, 0.38
HSL	11°, 76%, 35%
HSV	11°, 87%, 62%
XYZ	15.0565, 9.2553, 1.7023
YIQ	76.9260, 73.9060, 15.2340

Conversions

Conversions Part 2

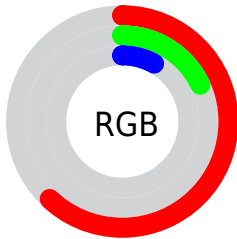
Format	Color
R_{YB}	157, 53, 21
Decimal	10301205
CIE _{Lab}	36.47, 44.37, 40.46
CIE _{LCh}	36, 60.047, 42.358
Yxy	9.2553, 0.5788, 0.3558
Android (android.graphics.Color)	4288491285 (0xFF9D2F15)
YUV	76.9260, -27.5715, 70.2249
Hunter-Lab	30.4225, 35.1028, 17.9781

Details

The YUV color **76.9260, -27.5715, 70.2249** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **101.0740, 27.5715, -70.2249**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5200, -31.8084, 75.8430**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **67.4710, -30.7982, 78.5169**, and if you desaturate by 10%, it is **86.3810, -24.3448, 61.9329**.

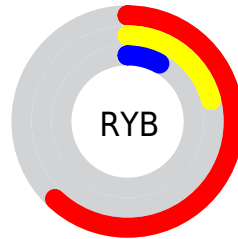
Distribution



Red (62%)

Green (18%)

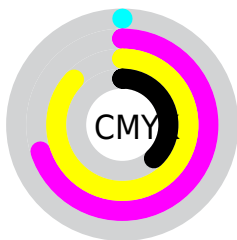
Blue (8%)



Red (62%)

Yellow (21%)

Blue (8%)

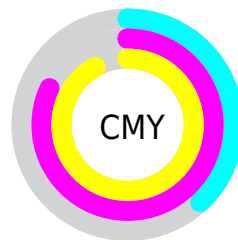


Cyan (0%)

Magenta (70%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.9260, -27.5715, 70.2249 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 76.9260, -27.5715, 70.2249 by changing the saturation by 10% instead.

■ 76.9260, -27.5715,
70.2249

■ 76.9260, -27.5715,
70.2249

254.7720, -0.8736,
0.2000

■ 47.9520, -23.6403,
69.3251

■ 131.5200,
-31.8084, 75.8430

■ 29.0030, -14.2985,
59.6334

■ 158.7870,
-33.4190, 79.1168

■ 20.3320, -10.0237,
41.8048

■ 179.2800,
-31.1970, 66.4064

■ 12.6720, -5.7543,
25.7207


■ 198.6800,
-27.9432, 49.3926


■ 0.0000, 0.0000,
0.0000


■ 218.1940,
-24.2526, 32.2789


■ 238.2950,


-20.8514, 14.6503


 251.5800,
-13.1039, 2.9993


 76.9260, -27.5715,
70.2249

 76.9260, -27.5715,
70.2249


 67.4710, -30.7982,
78.5169


 86.3810, -24.3448,
61.9329

 64.5530, -31.8246,
81.0760

 95.1350, -21.2656,
54.2556

 104.5900,
-18.0389, 45.9636

 114.0450,
-14.8122, 37.6715

 122.9130,
-11.2961, 29.8943

■ 132.2540, -8.5062,
21.7022

■ 141.7090, -5.2795,
13.4102

■ 151.1640, -2.0529,
5.1182

■ 159.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



68.8490, -0.4186, 87.8324



76.9260, -27.5715, 70.2249



81.1230, -39.9936, 41.1111

Triad

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



76.9260, -27.5715, 70.2249



67.7910, -6.7990, -59.4527



70.5290, 54.4622, -61.8539

Complementary

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



76.9260, -27.5715, 70.2249



101.0740, 27.5715, -70.2249

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.



78.5190, 49.5371, -68.8612



76.9260, -27.5715, 70.2249



74.1920, 15.1883, -65.0664

Square

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



76.9260, -27.5715, 70.2249



65.8760, -32.4769, -36.7253



78.7350, 35.1336, -69.0506



87.5950, 34.7097, 20.5262

Rectangle

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



76.9260, -27.5715, 70.2249



80.3930, -39.6337, 18.9493



78.7350, 35.1336, -69.0506



74.2790, 53.5995, -65.1427

Sweetspot

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



76.9260, -27.5715, 70.2249



172.7170, -10.7065, 27.4352



74.3180, 28.4372, 72.5121



83.0900, -6.4534, 16.5841



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



76.9260, -27.5715, 70.2249



83.8890, -41.3573, 105.3373



116.2550, -46.9607, 35.7334



74.5660, -1.7580, 3.8886



58.6060, -28.8928, 74.0135



6.2460, -3.0793, 7.6773

Inverse Universe

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



101.0740, 27.5715, -70.2249



120.1110, 41.3573, -105.3373



61.7450, 46.9607, -35.7334



76.0210, 1.4686, -4.4034



83.8070, 29.1821, -73.4987



8.7540, 3.0793, -7.6773

Previews

White Background



This preview shows how the YUV color 76.9260, -27.5715, 70.2249 looks on a white background.

Color Contrast Check

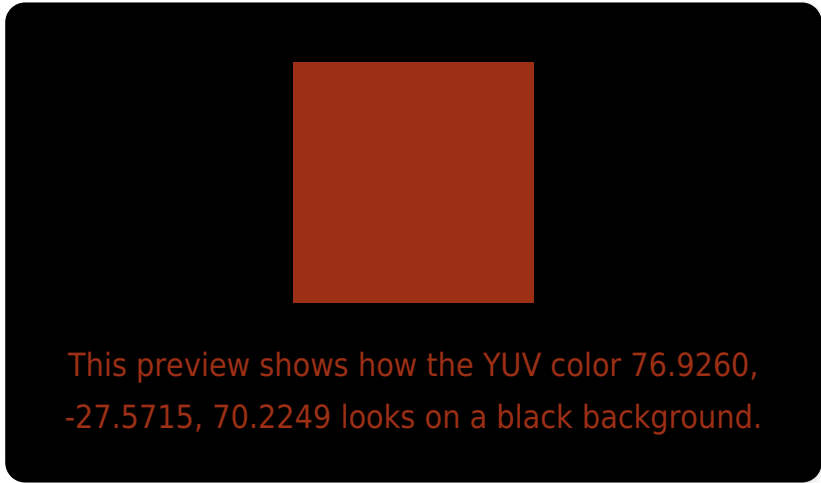
Large Text (above 18pt) WCAG AA ✓ Pass

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

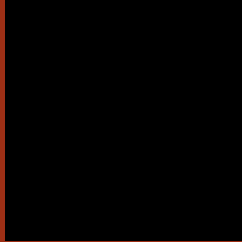
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9260, -27.5715, 70.2249

Background



This preview shows how black text looks on a background with the YUV color 76.9260, -27.5715, 70.2249.



This preview shows how white text looks on a background with the YUV color 76.9260, -27.5715,

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

76.9260, -27.5715, 70.2249

Protanopia

83.6060, -25.9348, 11.7465

Deuteranopia

81.0240, -39.9448, 25.4120



Tritanopia

78.3140, -15.9308, 69.8846

Trichromacy



Original Color

76.9260, -27.5715, 70.2249

Protanomaly

80.9230, -26.5840, 33.3935

Deuteranomaly

79.3880, -35.1943, 41.7557

Tritanomaly

77.8750, -20.1514, 70.2696

Monochromacy



Original Color

76.9260, -27.5715, 70.2249

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9340, -9.8275, 25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9260, -27.5715, 70.2249 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(157, 47, 21)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 21)  
}
```

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(157, 47, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 21) }
```

Border

The CSS property to change the border of an element to YUV 76.9260, -27.5715, 70.2249 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(157, 47, 21) }
```


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

```
.border{ border-color:rgb(157, 47, 21) }
```

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

Here you see how a box with a 4 pixel rgb(157, 47, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 21);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 76.9260, -27.5715, 70.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 21) }
```

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

```
.background{ background-color: rgb(157, 47,  
21) }
```

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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