

Converting Colors

YUV(76.9220, -31.5135,
74.6134)

Have a look what the booklet for
YUV(76.9220, -31.5135, 74.6134)
contains.

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Color

**YUV(76.9220, -31.5135,
74.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	A22E0D
RGB	162, 46, 13
RGB Percent	64%, 18%, 5%
CMY	0.3647, 0.8196, 0.9490
CMYK	0.00, 0.72, 0.92, 0.36
HSL	13°, 85%, 34%
HSV	13°, 92%, 64%
XYZ	15.9499, 9.6644, 1.4055
YIQ	76.9220, 79.7290, 14.3290

Conversions

Conversions Part 2

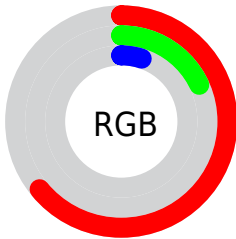
Format	Color
RYB	162, 55, 13
Decimal	10628621
CIELab	37.23, 46.34, 44.87
CIElCh	37, 64.497, 44.077
Yxy	9.6644, 0.5903, 0.3577
Android (android.graphics.Color)	4288818701 (0xFFA22E0D)
YUV	76.9220, -31.5135, 74.6134
Hunter-Lab	31.0877, 37.1783, 19.0807

Details

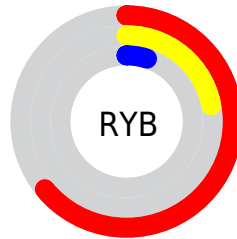
The YUV color **76.9220, -31.5135, 74.6134** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **98.0780, 31.5135, -74.6134**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0430, -35.0242, 80.6463**, and **30.4980, -15.0355, 62.7073** is the 20% darker color. If you saturate the color by 10%, you get **69.5700, -34.2980, 81.0611**, and if you desaturate by 10%, it is **86.3770, -28.2869, 66.3214**.

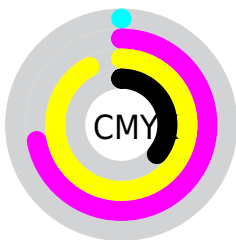
Distribution



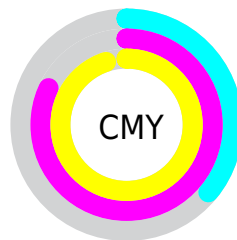
- Red (64%)
- Green (18%)
- Blue (5%)



- Red (64%)
- Yellow (22%)
- Blue (5%)



- Cyan (0%)
- Magenta (72%)
- Yellow (92%)
- Black (36%)





- Cyan (36%)
- Magenta (82%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 76.9220, -31.5135, 74.6134 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 76.9220, -31.5135, 74.6134 by changing the saturation by 10% instead.


 76.9220, -31.5135,
74.6134

 76.9220, -31.5135,
74.6134


 254.0880, -3.4944,
0.7998


 47.6860, -23.5092,
73.9434


 132.0430,
-35.0242, 80.6463

 30.4980, -15.0355,
62.7073

 159.8970,
-36.9242, 83.4053


 21.5280, -10.6133,
44.2639

 178.5960,
-33.8178, 67.0063

 13.9820, -5.9071,
28.0798


 197.9960,
-30.5640, 49.9925


 0.0000, 0.0000,
0.0000


 217.5100,
-26.8734, 32.8787


 237.6110,


-23.4722, 15.2502


 250.7820,
-16.1615, 3.6992

 76.9220, -31.5135,
74.6134


 76.9220, -31.5135,
74.6134


 69.5700, -34.2980,
81.0611

 86.3770, -28.2869,
66.3214

 95.2450, -24.7708,
58.5441

 104.8140,
-21.1073, 50.1521

 113.6820,
-17.5912, 42.3749

 123.1370,
-14.3645, 34.0829

■ 132.5920,
-11.1379, 25.7908

■ 141.4600, -7.6218,
18.0136

■ 151.0290, -3.9583,
9.6216

■ 160.4840, -0.7316,
1.3295

Harmonies

Analogous

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



60.7350, 2.5956, 101.0874



76.9220, -31.5135, 74.6134



82.8950, -40.8672, 41.3111

Triad

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



76.9220, -31.5135, 74.6134



69.8940, -6.3567, -61.2970



72.1420, 58.1040, -63.2685

Complementary

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



76.9220, -31.5135, 74.6134



98.0780, 31.5135, -74.6134

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.



81.4200, 53.0369, -71.4053



76.9220, -31.5135, 74.6134



76.7510, 17.3778, -67.3106

Square

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



76.9220, -31.5135, 74.6134



60.4610, -29.8073, -53.0243



81.6360, 38.6335, -71.5948



88.4970, 36.7300, 25.8741

Rectangle

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



76.9220, -31.5135, 74.6134



82.1540, -40.5019, 17.4049



81.6360, 38.6335, -71.5948



76.5930, 57.3887, -67.1721

Sweetspot

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



76.9220, -31.5135, 74.6134



178.1580, -12.8959, 29.6794



70.8890, 29.1417, 79.9043



86.4600, -7.6218, 18.0136



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.



76.9220, -31.5135, 74.6134



90.9770, -44.8517, 106.1372



120.3600, -52.9285, 36.5183



76.8650, -1.9054, 4.5034



62.1390, -30.6345, 72.6691



7.7300, -3.8109, 9.0068

Inverse Universe

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



98.0780, 31.5135, -74.6134



121.0230, 44.8517, -106.1372



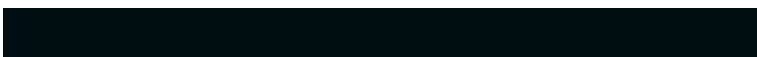
54.6400, 52.9285, -36.5183



78.1350, 1.9054, -4.5034



82.8610, 30.6345, -72.6691



10.2700, 3.8109, -9.0068

Previews

White Background



This preview shows how the YUV color 76.9220, -31.5135, 74.6134 looks on a white background.

Color Contrast Check

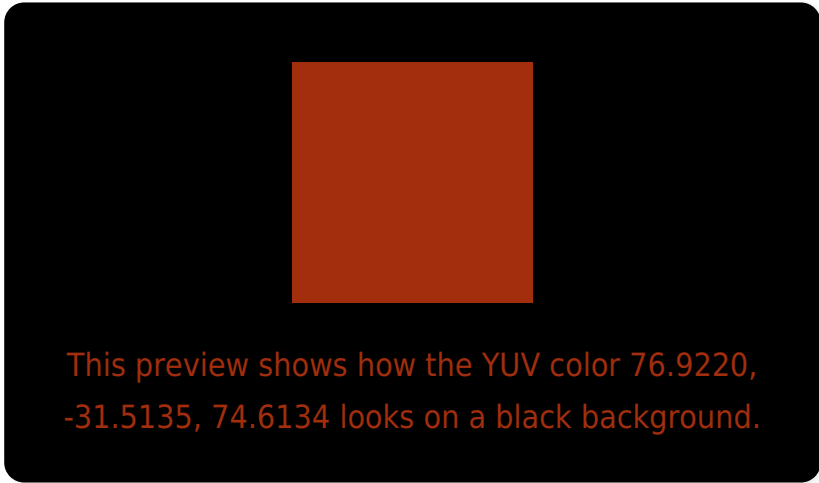
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.9220, -31.5135, 74.6134

Background



This preview shows how black text looks on a background with the YUV color 76.9220, -31.5135, 74.6134.



This preview shows how white text looks on a background with the YUV color 76.9220, -31.5135,

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

76.9220, -31.5135, 74.6134

Protanopia

84.8790, -30.0133, 13.2611

Deuteranopia

82.7960, -40.8184, 25.6119



Tritanopia

79.1080, -16.8152, 73.5733

Trichromacy



Original Color

76.9220, -31.5135, 74.6134

Protanomaly

81.9080, -30.5206, 36.0377

Deuteranomaly

80.5300, -37.2363, 43.3852

Tritanomaly

78.3270, -22.3462, 74.2582

Monochromacy



Original Color

76.9220, -31.5135, 74.6134

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1900, -11.4327, 27.0204

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9220, -31.5135, 74.6134 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(162, 46, 13)` looks like.

```
.text, #text, p{  
    color:rgb(162, 46, 13)  
}
```

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(162, 46, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 46, 13) }
```

Border

The CSS property to change the border of an element to YUV 76.9220, -31.5135, 74.6134 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(162, 46, 13) }
```


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

```
.border{ border-color:rgb(162, 46, 13) }
```

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

Here you see how a box with a 4 pixel rgb(162, 46, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 46, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 46, 13);  
box-shadow:4px 4px 4px 4px rgb(162, 46,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 76.9220, -31.5135, 74.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 46, 13) }
```

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

```
.background{ background-color: rgb(162, 46,  
13) }
```

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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