

Converting Colors

YUV(64.4390, -15.4994,
71.5290)

Have a look what the booklet for
YUV(64.4390, -15.4994, 71.5290)
contains.

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Color

**YUV(64.4390, -15.4994,
71.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	921D21
RGB	146, 29, 33
RGB Percent	57%, 11%, 13%
CMY	0.4275, 0.8863, 0.8706
CMYK	0.00, 0.80, 0.77, 0.43
HSL	358°, 67%, 34%
HSV	358°, 80%, 57%
XYZ	12.5679, 7.0995, 2.1468
YIQ	64.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

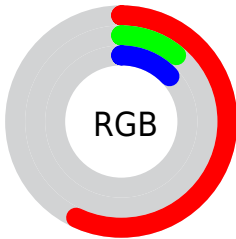
Format	Color
R_{YB}	146, 29, 33
Decimal	9575713
CIE _{Lab}	32.03, 47.69, 28.78
CIE _{LCh}	32, 55.706, 31.112
Yxy	7.0995, 0.5761, 0.3255
Android (android.graphics.Color)	4287765793 (0xFF921D21)
YUV	64.4390, -15.4994, 71.5290
Hunter-Lab	26.6449, 37.5666, 13.8745

Details

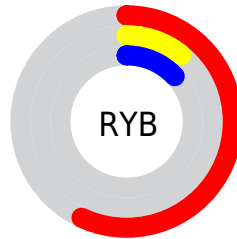
The YUV color **64.4390, -15.4994, 71.5290** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **110.5610, 15.4994, -71.5290**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3810, -20.8938, 75.0879**, and **26.0130, -12.8244, 53.4856** is the 20% darker color. If you saturate the color by 10%, you get **54.0380, -17.2737, 80.6507**, and if you desaturate by 10%, it is **74.8400, -13.7251, 62.4073**.

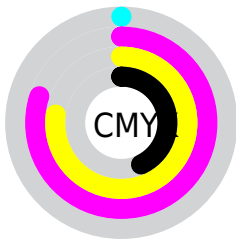
Distribution



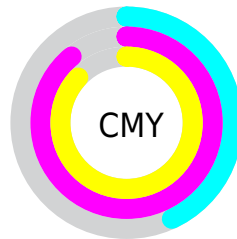
- Red (57%)
- Green (11%)
- Blue (13%)



- Red (57%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (77%)
- Black (43%)





- Cyan (43%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.4390, -15.4994, 71.5290 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 64.4390, -15.4994, 71.5290 by changing the saturation by 10% instead.


 64.4390, -15.4994,
71.5290

 64.4390, -15.4994,
71.5290


255.0000, 0.0000,
0.0000


 36.0520, -11.8576,
70.1144


 120.3810,
-20.8938, 75.0879


 26.0130, -12.8244,
53.4856

 147.6480,
-22.5045, 78.3617


 18.0540, -8.4076,
36.7866

 172.3160,
-22.3408, 72.5139

 7.8880, -3.3958,
15.8842

 191.1290,
-18.7976, 56.0149

 0.0000, 0.0000,
0.0000

 210.6430,
-15.1070, 38.9011

 230.7440,

-11.7058, 21.2725

250.9590, -7.8678,
3.5440

64.4390, -15.4994,
71.5290

64.4390, -15.4994,
71.5290

54.0380, -17.2737,
80.6507

74.8400, -13.7251,
62.4073

44.2240, -19.3374,
89.2576

84.6540, -11.6614,
53.8004

95.0550, -9.8871,
44.6788

104.8690, -7.8234,
36.0719

115.3840, -5.6123,
26.8502

■ 125.7850, -3.8380,
17.7286

■ 135.5990, -1.7743,
9.1217

■ 146.0000, 0.0000,
0.0000

■ 155.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



58.4980, 8.6285, 79.3703



64.4390, -15.4994, 71.5290



70.2470, -34.6318, 48.0184

Triad

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



64.4390, -15.4994, 71.5290



56.7230, -13.6674, -49.7461



66.2430, 48.1942, -58.0951

Complementary

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



64.4390, -15.4994, 71.5290



110.5610, 15.4994, -71.5290

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.



70.1580, 40.3481, -61.5286



64.4390, -15.4994, 71.5290



63.8420, 5.9939, -55.9894

Square

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



64.4390, -15.4994, 71.5290



63.6490, -31.3790, -15.4782



68.8580, 25.2130, -60.3885



75.4240, 37.2590, -3.8798

Rectangle

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



64.4390, -15.4994, 71.5290



71.5990, -35.2983, 28.4157



68.8580, 25.2130, -60.3885



68.4770, 46.5998, -60.0543

Sweetspot

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



64.4390, -15.4994, 71.5290



156.9820, -5.9071, 28.0798



75.5270, 34.7432, 56.5428



75.1870, -3.5432, 16.4990



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



64.4390, -15.4994, 71.5290



62.8030, -24.0599, 110.6748



95.0940, -32.5843, 44.6446



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Inverse Universe

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



64.4390, -15.4994, 71.5290



62.8030, -24.0599, 110.6748



79.9060, 32.5843, -44.6446



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 64.4390, -15.4994, 71.5290 looks on a white background.

Color Contrast Check

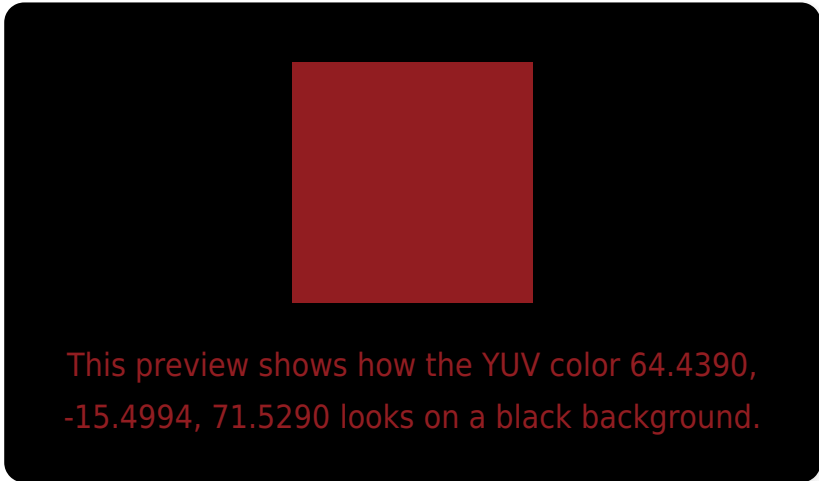
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4390, -15.4994, 71.5290

Background



This preview shows how black text looks on a background with the YUV color 64.4390, -15.4994, 71.5290.

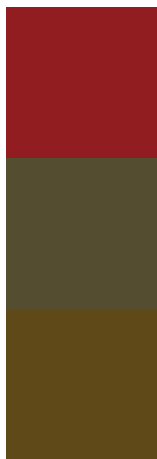


This preview shows how white text looks on a background with the YUV color 64.4390, -15.4994,

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

64.4390, -15.4994, 71.5290

Protanopia

75.6730, -14.1358, 7.3028

Deuteranopia

74.2910, -24.7935, 19.0388



Tritanopia

64.6840, -17.0992, 71.3141

Trichromacy



Original Color

64.4390, -15.4994, 71.5290

Protanomaly

72.0010, -14.7905, 30.6941

Deuteranomaly

70.6230, -21.5061, 38.0416

Tritanomaly

64.7980, -16.6624, 71.2142

Monochromacy



Original Color

64.4390, -15.4994, 71.5290

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0850, -5.4649, 26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4390, -15.4994, 71.5290 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(146, 29, 33)` looks like.

```
.text, #text, p{  
    color:rgb(146, 29, 33)  
}
```

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(146, 29, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 29, 33) }
```

Border

The CSS property to change the border of an element to YUV 64.4390, -15.4994, 71.5290 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(146, 29, 33) }
```


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

```
.border{ border-color:rgb(146, 29, 33) }
```

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

Here you see how a box with a 4 pixel rgb(146, 29, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 29, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 29, 33);  
box-shadow:4px 4px 4px 4px rgb(146, 29,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 64.4390, -15.4994, 71.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 29, 33) }
```

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

```
.background{ background-color: rgb(146, 29,  
33) }
```

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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