

Converting Colors

YUV(62.9840, -15.2751,
92.9760)

Have a look what the booklet for
YUV(62.9840, -15.2751, 92.9760)
contains.

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Color

**YUV(62.9840, -15.2751,
92.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	A90F20
RGB	169, 15, 32
RGB Percent	66%, 6%, 13%
CMY	0.3373, 0.9412, 0.8745
CMYK	0.00, 0.91, 0.81, 0.34
HSL	353°, 84%, 36%
HSV	353°, 91%, 66%
XYZ	16.7937, 8.8809, 2.1956
YIQ	62.9840, 86.3270, 37.9350

Conversions

Conversions Part 2

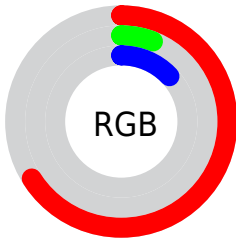
Format	Color
RYB	169, 15, 32
Decimal	11079456
CIELab	35.75, 57.49, 34.79
CIELCh	36, 67.200, 31.183
Yxy	8.8809, 0.6026, 0.3187
Android (android.graphics.Color)	4289269536 (0xFFA90F20)
YUV	62.9840, -15.2751, 92.9760
Hunter-Lab	29.8009, 48.4385, 16.4925

Details

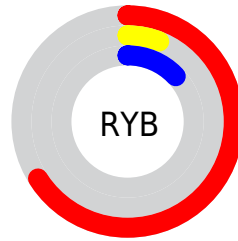
The YUV color **62.9840, -15.2751, 92.9760** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **121.0160, 15.2751, -92.9760**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2800, -24.2950, 92.7164**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **52.6970, -16.6126, 101.9977**, and if you desaturate by 10%, it is **74.6730, -13.6428, 82.7248**.

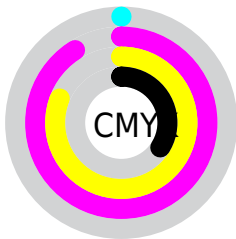
Distribution



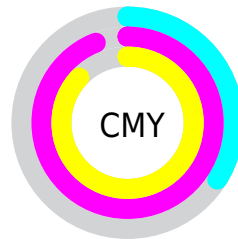
- Red (66%)
- Green (6%)
- Blue (13%)



- Red (66%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (81%)
- Black (34%)





- Cyan (34%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.9840, -15.2751, 92.9760 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 62.9840, -15.2751, 92.9760 by changing the saturation by 10% instead.


 62.9840, -15.2751,
92.9760


 62.9840, -15.2751,
92.9760


255.0000, 0.0000,
0.0000


 42.5160, -15.5374,
83.7395


 126.2800,
-24.2950, 92.7164


 32.2920, -15.9200,
66.3959

 152.3290,
-25.3052, 90.0425


 23.4360, -11.0609,
47.8526

 171.6150,
-22.4882, 73.1286

 14.8790, -6.3493,
29.9241

 191.0150,
-19.2344, 56.1148

 0.0000, 0.0000,
0.0000

 211.1160,
-15.8332, 38.4863

 231.2170,

-12.4320, 20.8577

■ 252.1330, -8.4466,
2.5144

■ 62.9840, -15.2751,
92.9760

■ 62.9840, -15.2751,
92.9760

■ 52.6970, -16.6126,
101.9977

■ 74.6730, -13.6428,
82.7248

■ 86.3620, -12.0105,
72.4735

■ 98.0510, -10.3781,
62.2223

■ 109.7400, -8.7458,
51.9710

■ 120.8420, -6.8241,
42.2346

■ 132.5310, -5.1918,
31.9833

■ 144.2200, -3.5595,
21.7321

■ 155.9090, -1.9271,
11.4808

■ 167.5980, -0.2948,
1.2296

Harmonies

Analogous

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



61.4170, 11.6264, 97.8583



62.9840, -15.2751, 92.9760



77.3900, -38.1533, 57.5400

Triad

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



62.9840, -15.2751, 92.9760



63.4250, -18.4505, -55.6237



75.5330, 58.4042, -66.2424

Complementary

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



62.9840, -15.2751, 92.9760



121.0160, 15.2751, -92.9760

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.



80.2800, 48.6690, -70.4056



62.9840, -15.2751, 92.9760



71.9120, 6.4524, -63.0668

Square

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



62.9840, -15.2751, 92.9760



69.8070, -34.4149, -21.7557



78.0680, 30.0395, -68.4656



82.9320, 46.8685, -6.0794

Rectangle

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



62.9840, -15.2751, 92.9760



79.5950, -39.2403, 32.8042



78.0680, 30.0395, -68.4656



78.2400, 56.0837, -68.6165

Sweetspot

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



62.9840, -15.2751, 92.9760



178.4390, -5.6394, 35.5720



73.2200, 47.2195, 68.2131



85.8070, -3.8489, 21.2173



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



62.9840, -15.2751, 92.9760



68.2170, -21.7990, 132.2367



95.6790, -39.7747, 64.3025



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873



6.2080, -2.0745, 12.0956

Inverse Universe

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



62.9840, -15.2751, 92.9760



68.2170, -21.7990, 132.2367



88.3210, 39.7747, -64.3025



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 62.9840, -15.2751, 92.9760 looks on a white background.

Color Contrast Check

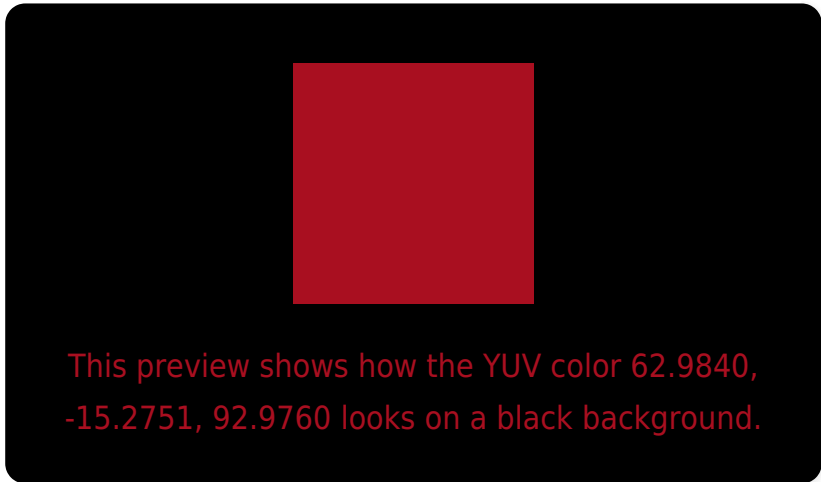
Large Text (above 18pt) WCAG AA ✓ Pass

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

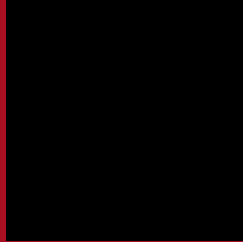
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9840, -15.2751, 92.9760

Background



This preview shows how black text looks on a background with the YUV color 62.9840, -15.2751, 92.9760.



This preview shows how white text looks on a background with the YUV color 62.9840, -15.2751,

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

62.9840, -15.2751, 92.9760

Protanopia

84.4730, -17.4882, 9.2322

Deuteranopia

82.7770, -31.9351, 22.9976



Tritanopia

63.2800, -24.2950, 92.7164

Trichromacy



Original Color

62.9840, -15.2751, 92.9760

Protanomaly

76.6000, -16.5648, 39.8158

Deuteranomaly

75.8370, -26.0486, 48.3780

Tritanomaly

63.4910, -20.9481, 92.5314

Monochromacy



Original Color

62.9840, -15.2751, 92.9760

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.4280, -5.6340, 33.8276

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9840, -15.2751, 92.9760 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(169, 15, 32)` looks like.

```
.text, #text, p{  
    color:rgb(169, 15, 32)  
}
```

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(169, 15, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 15, 32) }
```

Border

The CSS property to change the border of an element to YUV 62.9840, -15.2751, 92.9760 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(169, 15, 32) }
```


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

```
.border{ border-color:rgb(169, 15, 32) }
```

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

Here you see how a box with a 4 pixel rgb(169, 15, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 15, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 15, 32);  
box-shadow:4px 4px 4px 4px rgb(169, 15,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 62.9840, -15.2751, 92.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 15, 32) }
```

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

```
.background{ background-color: rgb(169, 15,  
32) }
```

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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