

Converting Colors

YUV(62.3760, -3.1434, 75.0922)

Have a look what the booklet for
YUV(62.3760, -3.1434, 75.0922)
contains.

YUV(62.3760, -3.1434, 75.0922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(62.3760, -3.1434,
75.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	941438
RGB	148, 20, 56
RGB Percent	58%, 8%, 22%
CMY	0.4196, 0.9216, 0.7804
CMYK	0.00, 0.86, 0.62, 0.42
HSL	343°, 76%, 33%
HSV	343°, 86%, 58%
XYZ	13.1767, 7.0817, 4.4138
YIQ	62.3760, 64.7320, 38.3320

Conversions

Conversions Part 2

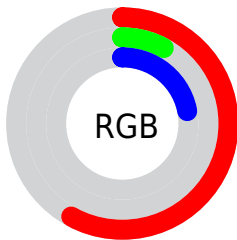
Format	Color
R_{YB}	148, 20, 56
Decimal	9704504
CIE _{Lab}	31.99, 51.91, 14.04
CIE _{LCh}	32, 53.780, 15.135
Yxy	7.0817, 0.5341, 0.2870
Android (android.graphics.Color)	4287894584 (0xFF941438)
YUV	62.3760, -3.1434, 75.0922
Hunter-Lab	26.6115, 41.8142, 8.7942

Details

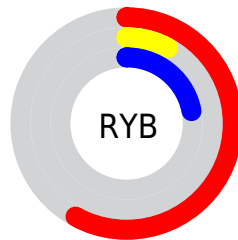
The YUV color **62.3760, -3.1434, 75.0922** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **105.6240, 3.1434, -75.0922**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4810, -9.1111, 75.8772**, and **28.5060, -7.1515, 53.9302** is the 20% darker color. If you saturate the color by 10%, you get **52.3170, -3.6073, 83.9140**, and if you desaturate by 10%, it is **72.4350, -2.6795, 66.2705**.

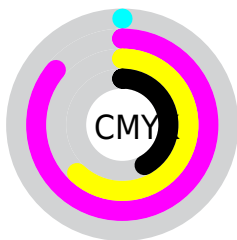
Distribution



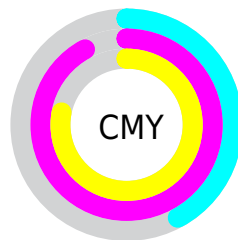
- Red (58%)
- Green (8%)
- Blue (22%)



- Red (58%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (86%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (92%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3760, -3.1434, 75.0922 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 62.3760, -3.1434, 75.0922 by changing the saturation by 10% instead.

62.3760, -3.1434,
75.0922

62.3760, -3.1434,
75.0922

255.0000, 0.0000,
0.0000

39.5710, -2.2535,
69.6592

121.4810, -9.1111,
75.8772

28.5060, -7.1515,
53.9302

149.0360,
-10.8637, 78.0214

19.0650, -8.4130,
38.5310

172.9320, -9.8265,
71.9736

9.3830, -4.1328,
18.9581

192.4460, -6.1359,
54.8599

0.0000, 0.0000,
0.0000

212.0740, -2.0085,
37.6461

232.2890, 1.8295,

19.9175

251.4780, 1.7363,
3.0888

62.3760, -3.1434,
75.0922

62.3760, -3.1434,
75.0922

52.3170, -3.6073,
83.9140

72.4350, -2.6795,
66.2705

49.0400, -3.4707,
86.7879

82.3800, -2.6523,
57.5487

91.8520, -1.8990,
49.2418

101.9110, -1.4351,
40.4201

111.8560, -1.4080,
31.6983

■ 121.9150, -0.9441,
22.8765

■ 131.8600, -0.9170,
14.1548

■ 141.3320, -0.1637,
5.8478

■ 151.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



67.9950, 14.7925, 62.2714



62.3760, -3.1434, 75.0922



68.0880, -26.6654, 59.5588

Triad

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



62.3760, -3.1434, 75.0922



55.1730, -26.2143, -38.7397



68.4940, 44.1265, -60.0692

Complementary

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



62.3760, -3.1434, 75.0922



105.6240, 3.1434, -75.0922

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.



69.3940, 32.3438, -60.8585



62.3760, -3.1434, 75.0922



59.9320, -3.9105, -52.5604

Square

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



62.3760, -3.1434, 75.0922



68.7870, -33.9120, 3.6948



65.5350, 15.0192, -57.4742



60.8630, 47.8885, -53.3769

Rectangle

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



62.3760, -3.1434, 75.0922



70.5130, -34.7629, 43.4001



65.5350, 15.0192, -57.4742



69.5710, 40.6375, -61.0138

Sweetspot

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



62.3760, -3.1434, 75.0922



158.2470, -1.1078, 28.7244



62.1000, 42.3487, 43.7623



76.8820, -0.9278, 17.6435



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



62.3760, -3.1434, 75.0922



63.2650, -4.5676, 112.0236



74.7080, -26.9710, 64.2771



69.3210, -0.1583, 4.1035



45.7080, -3.3070, 80.9401



3.3320, -0.1637, 5.8478

Inverse Universe

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



62.3760, -3.1434, 75.0922



63.2650, -4.5676, 112.0236



93.2920, 26.9710, -64.2771



69.3210, -0.1583, 4.1035



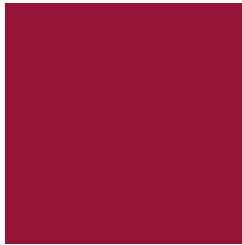
45.7080, -3.3070, 80.9401



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 62.3760, -3.1434, 75.0922 looks on a white background.

Color Contrast Check

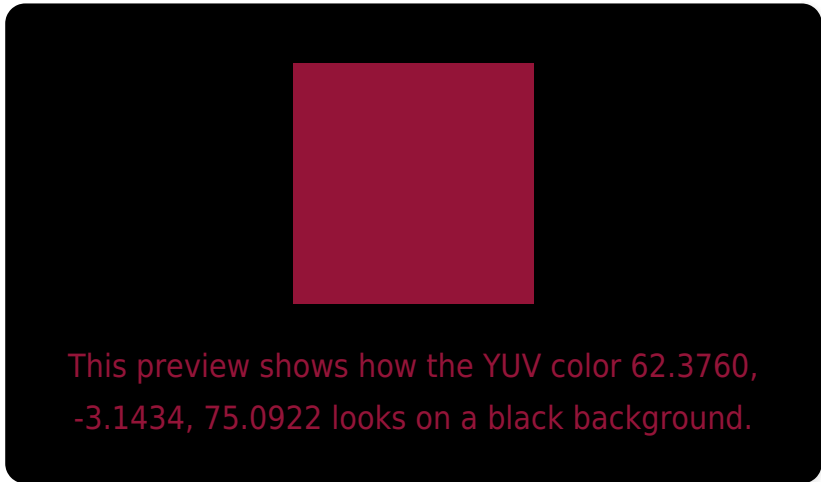
Large Text (above 18pt) WCAG AA ✓ Pass

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

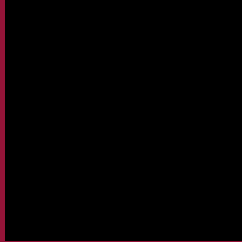
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3760, -3.1434, 75.0922

Background



This preview shows how black text looks on a background with the YUV color 62.3760, -3.1434, 75.0922.



This preview shows how white text looks on a background with the YUV color 62.3760, -3.1434,

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

62.3760, -3.1434, 75.0922

Protanopia

77.6410, 1.1630, 0.3148

Deuteranopia

76.9450, -13.2839, 14.0802



Tritanopia

63.5810, -17.5414, 73.1585

Trichromacy



Original Color

62.3760, -3.1434, 75.0922

Protanomaly

71.7630, -0.3762, 27.3948

Deuteranomaly

71.4130, -9.5706, 36.4718

Tritanomaly

62.9600, -12.3053, 73.7031

Monochromacy



Original Color

62.3760, -3.1434, 75.0922

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2360, -1.1023, 26.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3760, -3.1434, 75.0922 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(148, 20, 56)` looks like.

```
.text, #text, p{  
    color:rgb(148, 20, 56)  
}
```

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(148, 20, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 20, 56) }
```

Border

The CSS property to change the border of an element to YUV 62.3760, -3.1434, 75.0922 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(148, 20, 56) }
```


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

```
.border{ border-color:rgb(148, 20, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 20, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 20, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 20, 56);  
box-shadow:4px 4px 4px 4px rgb(148, 20,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 62.3760, -3.1434, 75.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 20, 56) }
```

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

```
.background{ background-color: rgb(148, 20,  
56) }
```

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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