

Converting Colors

YUV(62.8340, -28.0192,
73.8136)

Have a look what the booklet for
YUV(62.8340, -28.0192, 73.8136)
contains.

YUV(62.8340, -28.0192, 73.8136)	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(62.8340, -28.0192,
73.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	931F06
RGB	147, 31, 6
RGB Percent	58%, 12%, 2%
CMY	0.4235, 0.8784, 0.9765
CMYK	0.00, 0.79, 0.96, 0.42
HSL	11°, 92%, 30%
HSV	11°, 96%, 58%
XYZ	12.5555, 7.1962, 0.8995
YIQ	62.8340, 77.1610, 16.8170

Conversions

Conversions Part 2

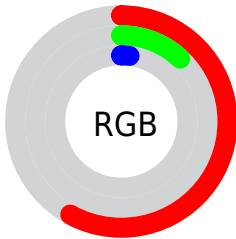
Format	Color
RYB	147, 36, 6
Decimal	9641734
CIELab	32.25, 46.67, 42.74
CIELCh	32, 63.283, 42.478
Yxy	7.1962, 0.6080, 0.3485
Android (android.graphics.Color)	4287831814 (0xFF931F06)
YUV	62.8340, -28.0192, 73.8136
Hunter-Lab	26.8257, 36.6002, 16.7898

Details

The YUV color **62.8340, -28.0192, 73.8136** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **90.1660, 28.0192, -73.8136**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7160, -32.3980, 78.3021**, and **26.0130, -12.8244, 53.4856** is the 20% darker color. If you saturate the color by 10%, you get **59.2150, -29.1930, 76.9874**, and if you desaturate by 10%, it is **71.5880, -24.9399, 66.1363**.

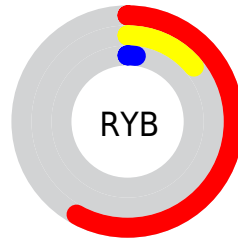
Distribution



Red (58%)

Green (12%)

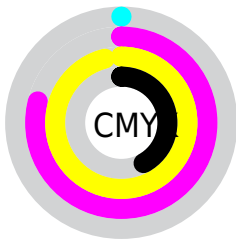
Blue (2%)



Red (58%)

Yellow (14%)

Blue (2%)

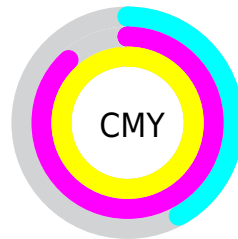


Cyan (0%)

Magenta (79%)

Yellow (96%)

Black (42%)



Cyan (42%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8340, -28.0192, 73.8136 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 62.8340, -28.0192, 73.8136 by changing the saturation by 10% instead.

62.8340, -28.0192,
73.8136

62.8340, -28.0192,
73.8136

252.9480, -7.8624,
1.7996

34.9830, -17.2466,
71.9289

118.7160,
-32.3980, 78.3021

26.0130, -12.8244,
53.4856

146.2820,
-34.1560, 82.1907

18.0540, -8.4076,
36.7866

169.4660,
-33.2607, 75.0133

7.8880, -3.3958,
15.8842

188.7520,
-30.4437, 58.0995


0.0000, 0.0000,
0.0000


208.1520,
-27.1899, 41.0857


228.2530,


-23.7887, 23.4571


 248.4680,
-19.9507, 5.7286


 62.8340, -28.0192,
73.8136


 62.8340, -28.0192,
73.8136


 59.2150, -29.1930,
76.9874

 71.5880, -24.9399,
66.1363

 80.2280, -22.2974,
58.5590

 88.9820, -19.2181,
50.8818

 97.7360, -16.1388,
43.2045

 106.4900,
-13.0596, 35.5273

■ 115.7170,
-10.7065, 27.4352

■ 124.4710, -7.6272,
19.7579

■ 133.2250, -4.5479,
12.0807

■ 141.8650, -1.9054,
4.5034

Harmonies

Analogous

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



54.4520, 1.7492, 92.5656



62.8340, -28.0192, 73.8136



71.3770, -35.1889, 40.0114

Triad

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



62.8340, -28.0192, 73.8136



60.0800, -8.4204, -52.6902



64.5620, 54.4459, -56.6209

Complementary

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



62.8340, -28.0192, 73.8136



90.1660, 28.0192, -73.8136

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.



72.4380, 49.0841, -63.5281



62.8340, -28.0192, 73.8136



67.2960, 14.1511, -59.0186

Square

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



62.8340, -28.0192, 73.8136



52.8300, -26.0452, -46.3319



72.0670, 34.9700, -63.2028



76.0620, 36.4514, 21.8706

Rectangle

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



62.8340, -28.0192, 73.8136



70.9350, -34.9710, 16.7200



72.0670, 34.9700, -63.2028



68.3120, 53.5832, -59.9096

Sweetspot

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



62.8340, -28.0192, 73.8136



158.3150, -11.0013, 28.6647



61.4970, 30.3210, 74.9861



76.6880, -6.7482, 17.8136



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.



62.8340, -28.0192, 73.8136



77.0670, -37.9940, 99.9192



103.3370, -47.9871, 38.2925



69.6800, -1.3212, 3.7886



55.3500, -27.2875, 72.4841



4.1640, -2.0529, 5.1182

Inverse Universe

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



90.1660, 28.0192, -73.8136



113.9330, 37.9940, -99.9192



49.6630, 47.9871, -38.2925



71.3200, 1.3212, -3.7886



82.0630, 27.5769, -71.9693



5.8360, 2.0529, -5.1182

Previews

White Background



This preview shows how the YUV color 62.8340, -28.0192, 73.8136 looks on a white background.

Color Contrast Check

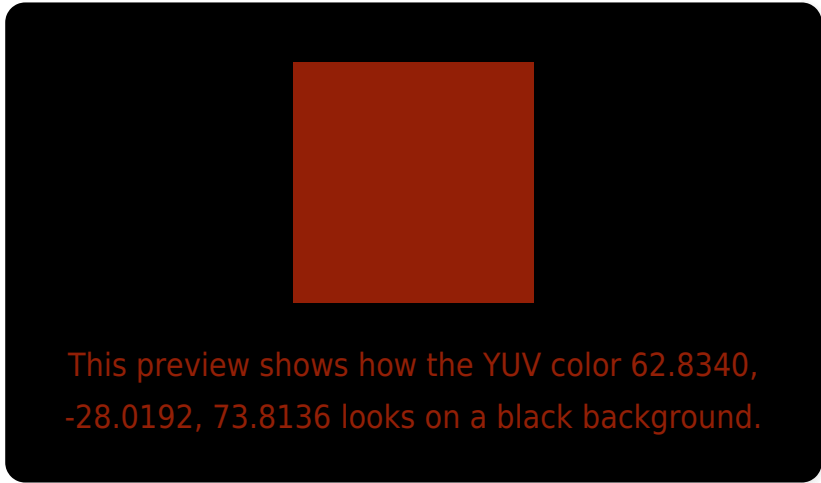
Large Text (above 18pt) WCAG AA ✓ Pass

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

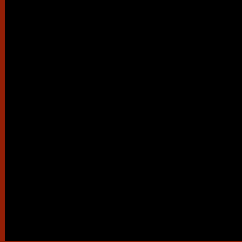
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8340, -28.0192, 73.8136

Background



This preview shows how black text looks on a background with the YUV color 62.8340, -28.0192, 73.8136.



This preview shows how white text looks on a background with the YUV color 62.8340, -28.0192,

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

62.8340, -28.0192, 73.8136

Protanopia

73.9650, -27.0977, 11.4317

Deuteranopia

72.7400, -35.8608, 22.1530



Tritanopia

64.2820, -17.3940, 72.5437

Trichromacy



Original Color

62.8340, -28.0192, 73.8136

Protanomaly

69.9940, -27.6050, 34.2083

Deuteranomaly

68.9580, -33.0103, 41.2558

Tritanomaly

63.9570, -21.1778, 72.8287

Monochromacy



Original Color

62.8340, -28.0192, 73.8136

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8310, -10.2697, 27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8340, -28.0192, 73.8136 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(147, 31, 6)` looks like.

```
.text, #text, p{  
    color:rgb(147, 31, 6)  
}
```

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(147, 31, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 31, 6) }
```

Border

The CSS property to change the border of an element to YUV 62.8340, -28.0192, 73.8136 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(147, 31, 6) }
```


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

```
.border{ border-color:rgb(147, 31, 6) }
```

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

Here you see how a box with a 4 pixel rgb(147, 31, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 31, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 31, 6);  
box-shadow:4px 4px 4px 4px rgb(147, 31, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8340, -28.0192, 73.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 31, 6) }
```

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

```
.background{ background-color: rgb(147, 31,  
6) }
```

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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