

Converting Colors

YUV(62.7340, 34.1481, 60.7463)

Have a look what the booklet for
YUV(62.7340, 34.1481, 60.7463)
contains.

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Color

**YUV(62.7340, 34.1481,
60.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	840E84
RGB	132, 14, 132
RGB Percent	52%, 5%, 52%
CMY	0.4824, 0.9451, 0.4824
CMYK	0.00, 0.89, 0.00, 0.48
HSL	300°, 81%, 29%
HSV	300°, 89%, 52%
XYZ	13.8376, 6.8856, 22.4295
YIQ	62.7340, 32.4500, 61.7140

Conversions

Conversions Part 2

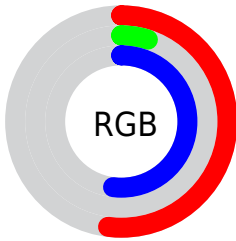
Format	Color
R_{YB}	132, 14, 132
Decimal	8654468
CIE _{Lab}	31.54, 58.10, -36.14
CIE _{LCh}	32, 68.424, 328.113
Yxy	6.8856, 0.3207, 0.1596
Android (android.graphics.Color)	4286844548 (0xFF840E84)
YUV	62.7340, 34.1481, 60.7463
Hunter-Lab	26.2403, 48.2098, -32.3112

Details

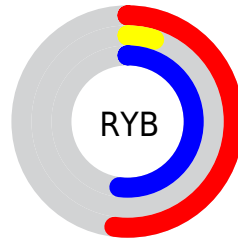
The YUV color **62.7340, 34.1481, 60.7463** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **83.2660, -34.1481, -60.7463**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.2020, 30.9594, 56.8278**, and **32.6700, 24.3197, 39.7544** is the 20% darker color. If you saturate the color by 10%, you get **55.1030, 37.9102, 67.4387**, and if you desaturate by 10%, it is **70.3650, 30.3861, 54.0539**.

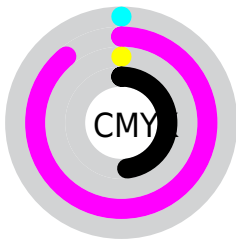
Distribution



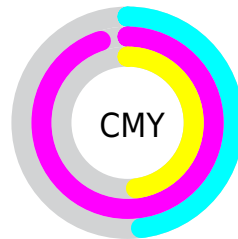
- Red (52%)
- Green (5%)
- Blue (52%)



- Red (52%)
- Yellow (5%)
- Blue (52%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7340, 34.1481, 60.7463 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 62.7340, 34.1481, 60.7463 by changing the saturation by 10% instead.

62.7340, 34.1481,
60.7463

62.7340, 34.1481,
60.7463

255.0000, 0.0000,
0.0000

43.4790, 30.8229,
53.9539

123.2020, 30.9594,
56.8278

32.6700, 24.3197,
39.7544

151.5010, 30.8120,
57.4426

22.7580, 17.3743,
27.3992

179.5120, 30.8066,
59.1870

11.2800, 12.1870,
11.1554

199.8220, 27.2028,
48.3911

1.2540, 4.8048,
-1.0998

216.2580, 19.0998,
33.9767

0.0000, 0.0000,
0.0000

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

62.7340, 34.1481,
60.7463

62.7340, 34.1481,
60.7463

55.1030, 37.9102,
67.4387

70.3650, 30.3861,
54.0539

54.5160, 38.1996,
67.9535

77.9960, 26.6240,
47.3615

86.2140, 22.5725,
40.1543

93.8450, 18.8104,
33.4619

101.4760, 15.0483,
26.7695

■ 109.1070, 11.2862,
20.0772

■ 116.7380, 7.5242,
13.3848

■ 124.9560, 3.4727,
6.1776

■ 132.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



69.0550, 50.2589, -20.2192



62.7340, 34.1481, 60.7463



57.2590, 11.2113, 90.9809

Triad

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



62.7340, 34.1481, 60.7463



70.0820, -34.5504, 21.8531



69.9010, 26.6708, -61.3032

Complementary

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



62.7340, 34.1481, 60.7463



83.2660, -34.1481, -60.7463

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.



63.6310, 2.6469, -55.8044



62.7340, 34.1481, 60.7463



61.8550, -30.4945, -19.1668

Square

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



62.7340, 34.1481, 60.7463



66.4810, -32.7751, 59.2142



54.4600, -24.8768, -47.7614



73.5150, 45.5951, -64.4727

Rectangle

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



62.7340, 34.1481, 60.7463



53.8670, -4.3714, 95.7096



54.4600, -24.8768, -47.7614



67.8490, 18.8084, -59.5036

Sweetspot

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



62.7340, 34.1481, 60.7463



143.9980, 13.3120, 23.6808



27.4520, 51.5422, -11.7974



70.5640, 8.1029, 14.4144



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



62.7340, 34.1481, 60.7463



70.6230, 49.4859, 88.0306



56.0080, 8.3771, 66.6450



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



62.7340, 34.1481, 60.7463



70.6230, 49.4859, 88.0306



89.9920, -8.3771, -66.6450



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 62.7340, 34.1481, 60.7463 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



This preview shows how the YUV color 62.7340, 34.1481, 60.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

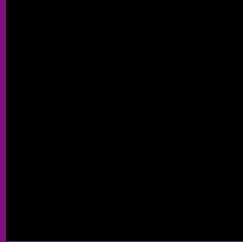
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7340, 34.1481, 60.7463

Background



This preview shows how black text looks on a background with the YUV color 62.7340, 34.1481, 60.7463.



This preview shows how white text looks on a background with the YUV color 62.7340, 34.1481,

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

62.7340, 34.1481, 60.7463

Protanopia

61.2220, 46.7256, -53.6917

Deuteranopia

73.3880, 24.9517, -23.1423



Tritanopia

74.5710, -9.1555, 43.3492

Trichromacy



Original Color

62.7340, 34.1481, 60.7463

Protanomaly

61.6340, 42.0854, -11.9570

Deuteranomaly

69.4980, 28.3485, 7.4563

Tritanomaly

70.4420, 6.6841, 49.6014

Monochromacy



Original Color

62.7340, 34.1481, 60.7463

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7590, 12.4438, 22.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7340, 34.1481, 60.7463 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(132, 14, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 14, 132)  
}
```

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(132, 14, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 14, 132) }
```

Border

The CSS property to change the border of an element to YUV 62.7340, 34.1481, 60.7463 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(132, 14, 132) }
```


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

```
.border{ border-color:rgb(132, 14, 132) }
```

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

Here you see how a box with a 4 pixel rgb(132, 14, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 14, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 14, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 14,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 62.7340, 34.1481, 60.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 14, 132) }
```

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

```
.background{ background-color: rgb(132, 14,  
132) }
```

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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