

Converting Colors

YUV(62.6340, 48.9874, 14.3530)

Have a look what the booklet for
YUV(62.6340, 48.9874, 14.3530)
contains.

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Color

**YUV(62.6340, 48.9874,
14.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	4F23A2
RGB	79, 35, 162
RGB Percent	31%, 14%, 64%
CMY	0.6902, 0.8627, 0.3647
CMYK	0.51, 0.78, 0.00, 0.36
HSL	261°, 64%, 39%
HSV	261°, 78%, 64%
XYZ	10.3471, 5.4730, 34.6935
YIQ	62.6340, -14.5430, 48.8250

Conversions

Conversions Part 2

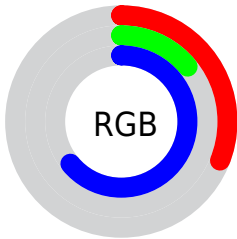
Format	Color
R _Y B	79, 35, 162
Decimal	5186466
CIE Lab	28.04, 48.91, -60.67
CIE LCh	28, 77.927, 308.873
Yxy	5.4730, 0.2048, 0.1083
Android (android.graphics.Color)	4283376546 (0xFF4F23A2)
YUV	62.6340, 48.9874, 14.3530
Hunter-Lab	23.3944, 38.0084, -71.5500

Details

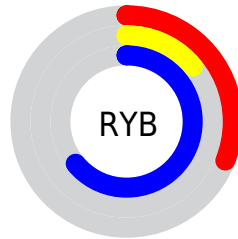
The YUV color **62.6340, 48.9874, 14.3530** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **134.3660, -48.9874, -14.3530**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4110, 50.5764, 18.0566**, and **13.9210, 46.8739, -7.8237** is the 20% darker color. If you saturate the color by 10%, you get **49.9530, 55.2392, 15.8272**, and if you desaturate by 10%, it is **75.3150, 42.7357, 12.8787**.

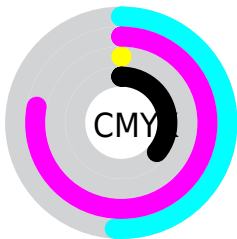
Distribution



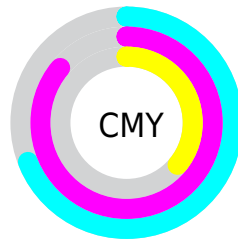
- Red (31%)
- Green (14%)
- Blue (64%)



- Red (31%)
- Yellow (14%)
- Blue (64%)



- Cyan (51%)
- Magenta (78%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (86%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6340, 48.9874, 14.3530 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 62.6340, 48.9874, 14.3530 by changing the saturation by 10% instead.

62.6340, 48.9874,
14.3530

62.6340, 48.9874,
14.3530

255.0000, 0.0000,
0.0000

33.5630, 50.0084,
13.5382

115.4110, 50.5764,
18.0566

13.9210, 46.8739,
-7.8237

142.6500, 51.4446,
19.6010

9.5760, 36.6910,
-8.3982

167.4950, 43.1400,
23.2449

10.3620, 24.4715,
-9.0875

192.0150, 31.0516,
27.1738

5.3920, 15.5827,
-4.7288

217.4210, 18.5264,
31.2028

2.0690, 5.3890,
-1.8145

234.4550, 10.1287,

0.0000, 0.0000,

18.0180

0.0000

251.4780, 1.7363,
3.0888

62.6340, 48.9874,
14.3530

62.6340, 48.9874,
14.3530

49.9530, 55.2392,
15.8272

75.3150, 42.7357,
12.8787

37.5710, 61.3435,
17.9162

87.6970, 36.6314,
10.7897

35.2120, 62.5065,
18.2311

100.9650, 30.0903,
8.8007

113.3470, 23.9859,
6.7117

126.0280, 17.7342,
5.2374

■ 138.7090, 11.4825,
3.7632

■ 151.0910, 5.3781,
1.6742

■ 164.3590, -1.1630,
-0.3148

■ 176.7410, -7.2673,
-2.4039

Harmonies

Analogous

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



63.2230, 62.0081, -55.4466



62.6340, 48.9874, 14.3530



56.3080, 26.9632, 78.6599

Triad

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



62.6340, 48.9874, 14.3530



60.8000, -29.9744, 47.5334



60.5310, 11.0772, -53.0857

Complementary

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



62.6340, 48.9874, 14.3530



134.3660, -48.9874, -14.3530

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.



51.7190, -17.6095, -45.3576



62.6340, 48.9874, 14.3530



60.8240, -29.9862, 4.5394

Square

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



62.6340, 48.9874, 14.3530



44.8500, -22.1110, 92.2166



47.5470, -23.4407, -41.6987



67.8440, 36.5589, -59.4992

Rectangle

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



62.6340, 48.9874, 14.3530



56.2330, 7.2801, 91.8807



47.5470, -23.4407, -41.6987



58.1370, 1.9045, -50.9861

Sweetspot

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



62.6340, 48.9874, 14.3530



171.8970, 19.7708, 5.3523



99.3730, 30.8751, -56.4551



82.8230, 11.9193, 3.6632



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



62.6340, 48.9874, 14.3530



56.3170, 76.7517, 22.5240



81.1720, 39.8482, 52.4692



74.9230, 3.4890, 0.9445



31.4800, 55.9654, 16.2420



3.8460, 6.9779, 1.8891

Inverse Universe

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



82.4350, 17.5335, 69.7785



87.3210, 27.4497, 109.3435



115.8280, -39.8482, -52.4692



76.3750, 1.2941, 4.9331



54.1850, 20.1218, 79.6448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 62.6340, 48.9874, 14.3530 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 62.6340, 48.9874, 14.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

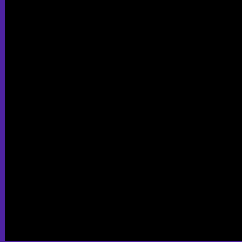
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6340, 48.9874, 14.3530

Background



This preview shows how black text looks on a background with the YUV color 62.6340, 48.9874, 14.3530.



This preview shows how white text looks on a background with the YUV color 62.6340, 48.9874,

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

62.6340, 48.9874, 14.3530

Protanopia

53.0720, 40.8835, -46.5441

Deuteranopia

53.7270, 30.7006, -47.1186



Tritanopia

64.9000, 4.9793, -10.4363

Trichromacy



Original Color

62.6340, 48.9874, 14.3530

Protanomaly

56.3120, 43.7232, -23.9526

Deuteranomaly

57.2920, 37.3240, -24.8121

Tritanomaly

64.1950, 21.1029, -1.9250

Monochromacy



Original Color

62.6340, 48.9874, 14.3530

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0280, 17.7342, 5.2374

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6340, 48.9874, 14.3530 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(79, 35, 162)` looks like.

```
.text, #text, p{  
    color:rgb(79, 35, 162)  
}
```

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(79, 35, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 35, 162) }
```

Border

The CSS property to change the border of an element to YUV 62.6340, 48.9874, 14.3530 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(79, 35, 162) }
```


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

```
.border{ border-color:rgb(79, 35, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 35, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 35, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 35, 162);  
box-shadow:4px 4px 4px 4px rgb(79, 35,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 62.6340, 48.9874, 14.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 35, 162) }
```

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

```
.background{ background-color: rgb(79, 35,  
162) }
```

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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