

Converting Colors

YUV(62.7000, 32.1929, 34.4661)

Have a look what the booklet for
YUV(62.7000, 32.1929, 34.4661)
contains.

YUV(62.7000, 32.1929, 34.4661)	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(62.7000, 32.1929,
34.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	661E80
RGB	102, 30, 128
RGB Percent	40%, 12%, 50%
CMY	0.6000, 0.8824, 0.4980
CMYK	0.20, 0.77, 0.00, 0.50
HSL	284°, 62%, 31%
HSV	284°, 77%, 50%
XYZ	9.8400, 5.3118, 20.9287
YIQ	62.7000, 11.4540, 45.7420

Conversions

Conversions Part 2

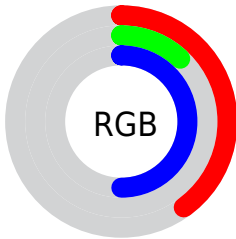
Format	Color
R_{YB}	102, 30, 128
Decimal	6692480
CIE _{Lab}	27.61, 46.82, -40.24
CIE _{LCh}	28, 61.739, 319.324
Yxy	5.3118, 0.2727, 0.1472
Android (android.graphics.Color)	4284882560 (0xFF661E80)
YUV	62.7000, 32.1929, 34.4661
Hunter-Lab	23.0474, 35.8771, -37.7064

Details

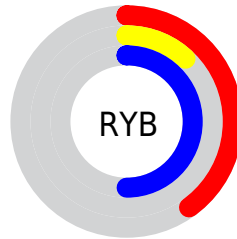
The YUV color **62.7000, 32.1929, 34.4661** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95.3000, -32.1929, -34.4661**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5260, 32.7717, 35.4957**, and **23.8420, 26.6999, 22.9406** is the 20% darker color. If you saturate the color by 10%, you get **54.1720, 36.3972, 39.3142**, and if you desaturate by 10%, it is **71.2280, 27.9886, 29.6180**.

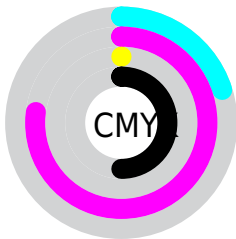
Distribution



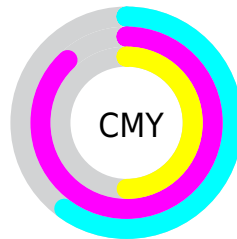
- Red (40%)
- Green (12%)
- Blue (50%)



- Red (40%)
- Yellow (12%)
- Blue (50%)



- Cyan (20%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7000, 32.1929, 34.4661 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 62.7000, 32.1929, 34.4661 by changing the saturation by 10% instead.

62.7000, 32.1929,
34.4661

62.7000, 32.1929,
34.4661

255.0000, 0.0000,
0.0000

34.3520, 33.3505,
36.5253

115.5260, 32.7717,
35.4957

23.8420, 26.6999,
22.9406

142.2380, 32.9137,
36.6253

14.6420, 19.8965,
11.7150

169.4770, 33.7818,
38.1697

4.8220, 13.3988,
-4.2289

196.5220, 28.8297,
39.8842

0.4560, 1.7472,
-0.3999

216.2580, 19.0998,
33.9767

0.0000, 0.0000,
0.0000

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

62.7000, 32.1929,
34.4661

62.7000, 32.1929,
34.4661

54.1720, 36.3972,
39.3142

71.2280, 27.9886,
29.6180

45.3450, 40.7489,
43.5474

80.0550, 23.6369,
25.3848

42.6980, 42.0539,
44.9919

87.9960, 19.7220,
21.0515

96.8230, 15.3703,
16.8182

105.3510, 11.1660,
11.9702

■ 113.8790, 6.9617,
7.1221

■ 122.7060, 2.6099,
2.8888

■ 130.6470, -1.3050,
-1.4444

■ 139.4740, -5.6567,
-5.6777

Harmonies

Analogous

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



53.7050, 50.9244, -47.0993



62.7000, 32.1929, 34.4661



50.8380, 16.3489, 76.4411

Triad

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



62.7000, 32.1929, 34.4661



61.8640, -30.4990, 29.0603



60.2520, 17.6238, -52.8410

Complementary

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



62.7000, 32.1929, 34.4661



95.3000, -32.1929, -34.4661

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.



53.9650, -3.9267, -47.3273



62.7000, 32.1929, 34.4661



57.8120, -28.5013, -5.0971

Square

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



62.7000, 32.1929, 34.4661



54.9960, -27.1130, 63.1475



46.3730, -22.8619, -40.6691



64.3390, 35.8219, -56.4253

Rectangle

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



62.7000, 32.1929, 34.4661



49.0980, 1.9237, 83.2291



46.3730, -22.8619, -40.6691



58.3140, 10.1982, -51.1414

Sweetspot

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



62.7000, 32.1929, 34.4661



140.7040, 12.4709, 13.4146



56.4340, 35.2820, -23.1826



68.7050, 7.5404, 8.1517



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



62.7000, 32.1929, 34.4661



63.9300, 50.3205, 53.5584



67.8520, 18.3140, 52.7498



59.2930, 2.3206, 2.3740



42.6980, 42.0539, 44.9919



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.2660, -3.0891, 57.6487



63.4210, -4.6446, 89.9618



90.1480, -18.3140, -52.7498



59.3210, -0.1583, 4.1035



42.1480, -4.0170, 75.2922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 62.7000, 32.1929, 34.4661 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 62.7000, 32.1929, 34.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

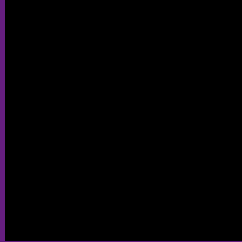
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7000, 32.1929, 34.4661

Background



This preview shows how black text looks on a background with the YUV color 62.7000, 32.1929, 34.4661.



This preview shows how white text looks on a background with the YUV color 62.7000, 32.1929,

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

62.7000, 32.1929, 34.4661

Protanopia

53.0720, 40.8835, -46.5441

Deuteranopia

53.5960, 32.7372, -47.0037



Tritanopia

67.2200, -3.5595, 21.7321

Trichromacy



Original Color

62.7000, 32.1929, 34.4661

Protanomaly

56.7490, 37.5917, -17.3199

Deuteranomaly

56.7830, 32.6450, -17.3497

Tritanomaly

65.9830, 9.3754, 26.3249

Monochromacy



Original Color

62.7000, 32.1929, 34.4661

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8780, 11.8921, 12.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7000, 32.1929, 34.4661 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(102, 30, 128)` looks like.

```
.text, #text, p{  
    color:rgb(102, 30, 128)  
}
```

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(102, 30, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 30, 128) }
```

Border

The CSS property to change the border of an element to YUV 62.7000, 32.1929, 34.4661 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(102, 30, 128) }
```


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

```
.border{ border-color:rgb(102, 30, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 30, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 30, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 30, 128);  
box-shadow:4px 4px 4px 4px rgb(102, 30,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 62.7000, 32.1929, 34.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 30, 128) }
```

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

```
.background{ background-color: rgb(102, 30,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor