

Converting Colors

YUV(62.2380, 46.2247, 13.8233)

Have a look what the booklet for
YUV(62.2380, 46.2247, 13.8233)
contains.

YUV(62.2380, 46.2247, 13.8233)	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(62.2380, 46.2247,
13.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	4E249C
RGB	78, 36, 156
RGB Percent	31%, 14%, 61%
CMY	0.6941, 0.8588, 0.3882
CMYK	0.50, 0.77, 0.00, 0.39
HSL	261°, 63%, 38%
HSV	261°, 77%, 61%
XYZ	9.7735, 5.2818, 31.9568
YIQ	62.2380, -13.4880, 46.2240

Conversions

Conversions Part 2

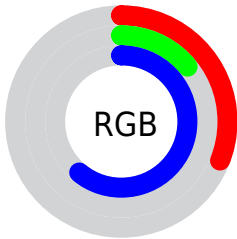
Format	Color
R_{YB}	78, 36, 156
Decimal	5121180
CIE _{Lab}	27.52, 46.65, -57.87
CIE _{LCh}	28, 74.333, 308.871
Yxy	5.2818, 0.2079, 0.1123
Android (android.graphics.Color)	4283311260 (0xFF4E249C)
YUV	62.2380, 46.2247, 13.8233
Hunter-Lab	22.9821, 35.6915, -66.3560

Details

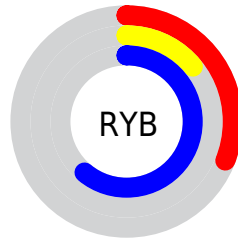
The YUV color **62.2380, 46.2247, 13.8233** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **129.7620, -46.2247, -13.8233**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7160, 47.9610, 16.9121**, and **14.1340, 43.8109, -5.3795** is the 20% darker color. If you saturate the color by 10%, you get **49.8560, 52.3290, 15.9123**, and if you desaturate by 10%, it is **74.6200, 40.1203, 11.7343**.

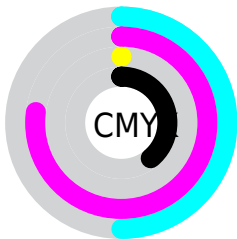
Distribution



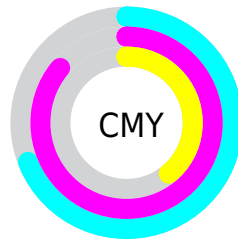
- Red (31%)
- Green (14%)
- Blue (61%)



- Red (31%)
- Yellow (14%)
- Blue (61%)



- Cyan (50%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (69%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2380, 46.2247, 13.8233 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 62.2380, 46.2247, 13.8233 by changing the saturation by 10% instead.

■ 62.2380, 46.2247,
13.8233

■ 62.2380, 46.2247,
13.8233

■ 255.0000, 0.0000,
0.0000

■ 33.7540, 46.9563,
12.4937

■ 114.7160, 47.9610,
16.9121

■ 14.1340, 43.8109,
-5.3795

■ 141.2540, 48.6818,
19.0712

■ 9.0060, 34.5070,
-7.8983

■ 166.8970, 43.4348,
22.0153

■ 9.2050, 22.5769,
-8.0728

■ 191.4170, 31.3464,
25.9443

■ 4.8220, 13.3988,
-4.2289

■ 216.8230, 18.8213,
29.9732

■ 0.5700, 2.1840,
-0.4999

■ 234.4550, 10.1287,

■ 0.0000, 0.0000,

18.0180

0.0000

251.4780, 1.7363,
3.0888

62.2380, 46.2247,
13.8233

62.2380, 46.2247,
13.8233

49.8560, 52.3290,
15.9123

74.6200, 40.1203,
11.7343

38.0610, 58.1439,
17.4865

86.4150, 34.3054,
10.1600

34.2290, 60.0331,
18.2162

98.7970, 28.2011,
8.0710

110.8910, 22.2387,
7.1116

123.2730, 16.1344,
5.0226

■ 135.6550, 10.0301,
2.9336

■ 147.4500, 4.2152,
1.3594

■ 159.8320, -1.8892,
-0.7297

■ 171.6270, -7.7041,
-2.3039

Harmonies

Analogous

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



61.1370, 59.0925, -53.6171



62.2380, 46.2247, 13.8233



54.3570, 25.9530, 75.9859

Triad

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



62.2380, 46.2247, 13.8233



59.9030, -29.5322, 45.6891



59.1290, 10.7824, -51.8561

Complementary

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



62.2380, 46.2247, 13.8233



129.7620, -46.2247, -13.8233

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.



50.7730, -16.1571, -44.5279



62.2380, 46.2247, 13.8233



59.9380, -29.5494, 4.4394

Square

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



62.2380, 46.2247, 13.8233



43.3550, -21.3740, 89.1427



46.3730, -22.8619, -40.6691



66.1000, 34.9537, -57.9697

Rectangle

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



62.2380, 46.2247, 13.8233



54.6240, 7.5804, 88.9068



46.3730, -22.8619, -40.6691



56.8490, 2.0464, -49.8566

Sweetspot

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



62.2380, 46.2247, 13.8233



167.4410, 18.0236, 5.7522



95.4660, 29.8433, -52.1517



79.2960, 11.1931, 3.2484



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



62.2380, 46.2247, 13.8233



57.1660, 72.3892, 21.7794



80.1780, 37.3802, 50.7099



72.8090, 3.0522, 1.0445



31.2520, 55.0918, 16.4420



3.2050, 5.8149, 1.5742

Inverse Universe

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



80.7720, 16.3814, 65.9750



86.1200, 25.5768, 103.3808



111.8220, -37.3802, -50.7099



73.9620, 1.0047, 4.4183



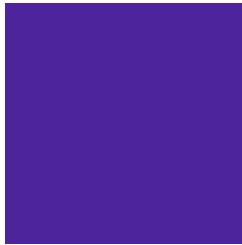
53.3590, 19.5430, 78.6152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 62.2380, 46.2247, 13.8233 looks on a white background.

Color Contrast Check

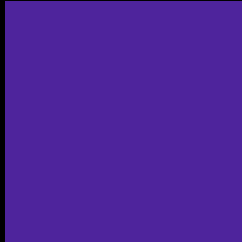
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.2380, 46.2247, 13.8233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

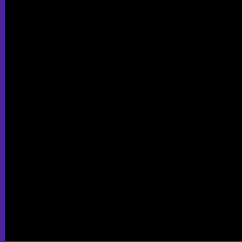
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2380, 46.2247, 13.8233

Background



This preview shows how black text looks on a background with the YUV color 62.2380, 46.2247, 13.8233.



This preview shows how white text looks on a background with the YUV color 62.2380, 46.2247,

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

62.2380, 46.2247, 13.8233

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.4390, 30.8426, -45.9890



Tritanopia

64.3840, 4.2477, -9.1068

Trichromacy



Original Color

62.2380, 46.2247, 13.8233

Protanomaly

55.5570, 42.1234, -24.1675

Deuteranomaly

56.0640, 36.4504, -24.6121

Tritanomaly

63.4510, 19.4977, -0.3955

Monochromacy



Original Color

62.2380, 46.2247, 13.8233

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3870, 16.5712, 4.9226

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2380, 46.2247, 13.8233 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(78, 36, 156)` looks like.

```
.text, #text, p{  
    color:rgb(78, 36, 156)  
}
```

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(78, 36, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 36, 156) }
```

Border

The CSS property to change the border of an element to YUV 62.2380, 46.2247, 13.8233 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(78, 36, 156) }
```


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

```
.border{ border-color:rgb(78, 36, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 36, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 36, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 36, 156);  
box-shadow:4px 4px 4px 4px rgb(78, 36,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 62.2380, 46.2247, 13.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 36, 156) }
```

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

```
.background{ background-color: rgb(78, 36,  
156) }
```

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