

Converting Colors

YUV(62.0020, 37.4670, 22.8002)

Have a look what the booklet for
YUV(62.0020, 37.4670, 22.8002)
contains.

YUV(62.0020, 37.4670, 22.8002)	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(62.0020, 37.4670,
22.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	58228A
RGB	88, 34, 138
RGB Percent	35%, 13%, 54%
CMY	0.6549, 0.8667, 0.4588
CMYK	0.36, 0.75, 0.00, 0.46
HSL	271°, 60%, 34%
HSV	271°, 75%, 54%
XYZ	9.1840, 5.0537, 24.5362
YIQ	62.0020, -1.2000, 43.7920

Conversions

Conversions Part 2

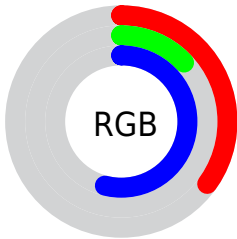
Format	Color
R_{YB}	88, 34, 138
Decimal	5776010
CIE _{Lab}	26.89, 44.58, -47.76
CIE _{LCh}	27, 65.335, 313.026
Yxy	5.0537, 0.2369, 0.1303
Android (android.graphics.Color)	4283966090 (0xFF58228A)
YUV	62.0020, 37.4670, 22.8002
Hunter-Lab	22.4805, 33.5817, -48.9752

Details

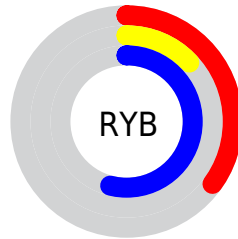
The YUV color **62.0020, 37.4670, 22.8002** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **109.9980, -37.4670, -22.8002**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6540, 38.6246, 24.8594**, and **20.0840, 32.9896, 12.2043** is the 20% darker color. If you saturate the color by 10%, you get **51.6910, 42.5503, 25.7040**, and if you desaturate by 10%, it is **72.3130, 32.3837, 19.8965**.

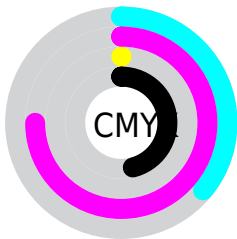
Distribution



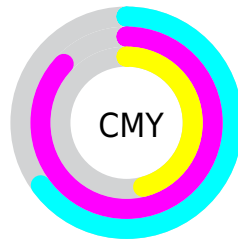
- Red (35%)
- Green (13%)
- Blue (54%)



- Red (35%)
- Yellow (13%)
- Blue (54%)



- Cyan (36%)
- Magenta (75%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.0020, 37.4670, 22.8002 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 62.0020, 37.4670, 22.8002 by changing the saturation by 10% instead.

62.0020, 37.4670,
22.8002

62.0020, 37.4670,
22.8002

255.0000, 0.0000,
0.0000

33.9420, 38.4826,
23.7299

113.6540, 38.6246,
24.8594

20.0840, 32.9896,
12.2043

140.5940, 39.6402,
25.7891

8.6770, 26.7812,
-3.2247

167.4200, 40.2189,
26.8187

6.3210, 16.6037,
-5.5435

192.6240, 30.7514,
30.1478

2.6390, 7.5730,
-2.3144

216.8450, 18.8104,
33.4619

0.0000, 0.0000,
0.0000

233.8680, 10.4181,

18.5328

250.3040, 2.3151,
4.1184

62.0020, 37.4670,
22.8002

62.0020, 37.4670,
22.8002

51.6910, 42.5503,
25.7040

72.3130, 32.3837,
19.8965

41.6790, 47.4863,
29.2225

82.3250, 27.4478,
16.3780

37.2600, 49.6648,
30.4670

92.0490, 22.6538,
13.9890

102.3600, 17.5705,
11.0853

112.3720, 12.6346,
7.5668

■ 122.6830, 7.5513,
4.6630

■ 132.6950, 2.6154,
1.1445

■ 142.4190, -2.1786,
-1.2445

■ 152.7300, -7.2619,
-4.1482

Harmonies

Analogous

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



56.1500, 52.6770, -49.2435



62.0020, 37.4670, 22.8002



51.0810, 21.1591, 73.5970

Triad

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



62.0020, 37.4670, 22.8002



59.5490, -29.3577, 36.3525



58.4110, 13.1084, -51.2264

Complementary

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



62.0020, 37.4670, 22.8002



109.9980, -37.4670, -22.8002

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.



51.1950, -9.4631, -44.8980



62.0020, 37.4670, 22.8002



57.5570, -28.3756, 1.2655

Square

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



62.0020, 37.4670, 22.8002



43.5770, -21.4835, 77.5470



45.1990, -22.2831, -39.6395



63.1820, 33.9273, -55.4106

Rectangle

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



62.0020, 37.4670, 22.8002



50.3090, 5.2707, 83.0440



45.1990, -22.2831, -39.6395



55.8860, 5.9722, -49.0120

Sweetspot

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



62.0020, 37.4670, 22.8002



148.3660, 15.1026, 9.3260



75.2060, 30.9574, -36.1377



70.7370, 9.0037, 5.4927



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



62.0020, 37.4670, 22.8002



61.1710, 58.0897, 34.9300



76.7240, 29.2231, 53.7391



63.9940, 2.4680, 1.7593



35.7930, 47.9231, 29.1225



1.4670, 1.7418, 1.3444

Inverse Universe

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



70.7960, 6.5096, 58.9379



74.9170, 9.9009, 91.2808



95.2760, -29.2231, -53.7391



64.4350, 0.2785, 4.0035



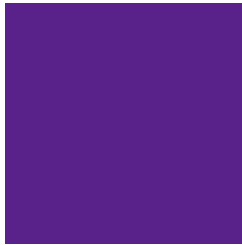
47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 62.0020, 37.4670, 22.8002 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 62.0020, 37.4670, 22.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

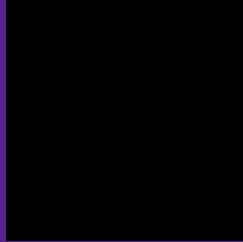
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.0020, 37.4670, 22.8002

Background



This preview shows how black text looks on a background with the YUV color 62.0020, 37.4670, 22.8002.



This preview shows how white text looks on a background with the YUV color 62.0020, 37.4670,

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

62.0020, 37.4670, 22.8002

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.7380, 30.6952, -45.3742



Tritanopia

65.4570, 0.2677, 7.4922

Trichromacy



Original Color

62.0020, 37.4670, 22.8002

Protanomaly

55.3680, 38.7656, -20.4937

Deuteranomaly

55.2880, 33.3820, -20.4236

Tritanomaly

64.0460, 13.7813, 13.1147

Monochromacy



Original Color

62.0020, 37.4670, 22.8002

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0130, 13.7976, 7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.0020, 37.4670, 22.8002 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(88, 34, 138)` looks like.

```
.text, #text, p{  
    color:rgb(88, 34, 138)  
}
```

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(88, 34, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 34, 138) }
```

Border

The CSS property to change the border of an element to YUV 62.0020, 37.4670, 22.8002 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(88, 34, 138) }
```


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

```
.border{ border-color:rgb(88, 34, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 34, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 34, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 34, 138);  
box-shadow:4px 4px 4px 4px rgb(88, 34,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 62.0020, 37.4670, 22.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 34, 138) }
```

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

```
.background{ background-color: rgb(88, 34,  
138) }
```

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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