

Converting Colors

YUV(62.6850, 4.5923, 20.4473)

Have a look what the booklet for
YUV(62.6850, 4.5923, 20.4473)
contains.

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Color

**YUV(62.6850, 4.5923,
20.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	563148
RGB	86, 49, 72
RGB Percent	34%, 19%, 28%
CMY	0.6627, 0.8078, 0.7176
CMYK	0.00, 0.43, 0.16, 0.66
HSL	323°, 27%, 26%
HSV	323°, 43%, 34%
XYZ	6.1058, 4.6429, 6.7053
YIQ	62.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

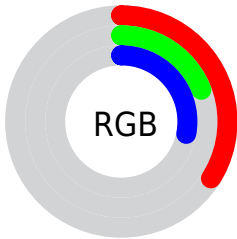
Format	Color
RYB	86, 49, 72
Decimal	5648712
CIELab	25.69, 20.54, -7.10
CIElCh	26, 21.732, 340.941
Yxy	4.6429, 0.3498, 0.2660
Android (android.graphics.Color)	4283838792 (0xFF563148)
YUV	62.6850, 4.5923, 20.4473
Hunter-Lab	21.5475, 12.8722, -3.3669

Details

The YUV color **62.6850, 4.5923, 20.4473** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.3150, -4.5923, -20.4473**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9950, 4.4395, 22.8064**, and **18.2010, 5.3239, 19.1177** is the 20% darker color. If you saturate the color by 10%, you get **57.0600, 5.8864, 25.3804**, and if you desaturate by 10%, it is **68.3100, 3.2982, 15.5141**.

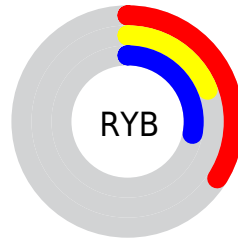
Distribution



Red (34%)

Green (19%)

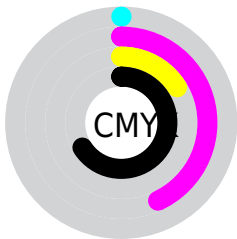
Blue (28%)



Red (34%)

Yellow (19%)

Blue (28%)

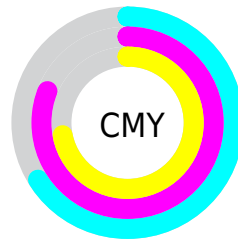


Cyan (0%)

Magenta (43%)

Yellow (16%)

Black (66%)



Cyan (66%)

Magenta (81%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6850, 4.5923, 20.4473 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 62.6850, 4.5923, 20.4473 by changing the saturation by 10% instead.

62.6850, 4.5923,
20.4473

62.6850, 4.5923,
20.4473

255.0000, 0.0000,
0.0000

40.0870, 4.8871,
19.2177

110.9950, 4.4395,
22.8064

18.2010, 5.3239,
19.1177

136.4080, 4.7289,
23.3212

1.4950, -0.7370,
3.0739

163.1200, 4.8708,
24.4508

0.0000, 0.0000,
0.0000

190.4190, 4.7234,
25.0655

217.8320, 5.0128,
25.5803

240.3250, 7.2348,

12.8700

■ 62.6850, 4.5923,
20.4473

■ 62.6850, 4.5923,
20.4473

■ 57.0600, 5.8864,
25.3804

■ 68.3100, 3.2982,
15.5141

■ 51.9080, 6.4544,
29.8987

■ 73.4620, 2.7302,
10.9958

■ 46.2830, 7.7485,
34.8318

■ 79.0870, 1.4361,
6.0627

■ 41.2450, 8.7532,
39.2501

■ 84.1250, 0.4314,
1.6444

■ 35.6200, 10.0473,
44.1833

■ 89.7500, -0.8627,
-3.2887

■ 31.7560, 10.4733,
47.5720

■ 95.4890, -1.7201,
-8.3219

■ 100.5270, -2.7248,
-12.7402

■ 106.1520, -4.0189,
-17.6733

■ 111.1900, -5.0237,
-22.0916

Harmonies

Analogous

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



62.4320, 11.6190, 6.6371



62.6850, 4.5923, 20.4473



61.3670, -3.1389, 26.8651

Triad

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



62.6850, 4.5923, 20.4473



59.0210, -15.2934, 5.2436



49.2640, 16.1388, -43.2045

Complementary

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



62.6850, 4.5923, 20.4473



72.3150, -4.5923, -20.4473

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.



48.1410, 9.2975, -42.2197



62.6850, 4.5923, 20.4473



56.7850, -10.7400, -8.5814

Square

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



62.6850, 4.5923, 20.4473



60.2120, -14.8945, 17.3541



53.6780, -1.8133, -25.1506



50.4370, 20.4906, -38.9712

Rectangle

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



62.6850, 4.5923, 20.4473



61.1020, -7.9383, 26.2205



53.6780, -1.8133, -25.1506



49.2810, 13.6655, -43.2194

Sweetspot

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



62.6850, 4.5923, 20.4473



103.2120, 1.8675, 7.7071



57.4040, 14.0978, 4.9077



50.3750, 1.2941, 4.9331



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.6850, 4.5923, 20.4473



75.4460, 7.1751, 32.0579



60.6330, -3.2701, 22.2469



40.5380, 0.7208, 2.1592



39.6310, 13.4929, 59.0826



86.9090, 29.1319, 129.8758

Inverse Universe

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



62.6850, 4.5923, 20.4473



75.4460, 7.1751, 32.0579



74.3670, 3.2701, -22.2469



40.5380, 0.7208, 2.1592



39.6310, 13.4929, 59.0826



86.9090, 29.1319, 129.8758

Previews

White Background



This preview shows how the YUV color 62.6850, 4.5923, 20.4473 looks on a white background.

Color Contrast Check

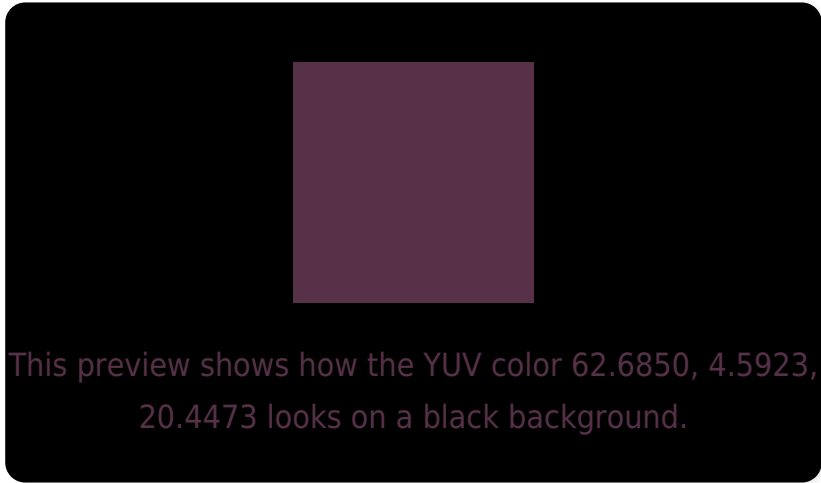
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

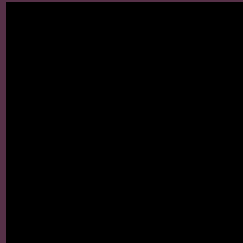
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6850, 4.5923, 20.4473

Background



This preview shows how black text looks on a background with the YUV color 62.6850, 4.5923, 20.4473.



This preview shows how white text looks on a background with the YUV color 62.6850, 4.5923,

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

62.6850, 4.5923, 20.4473

Protanopia

61.6710, 9.0362, -4.9735

Deuteranopia

62.0370, 3.9258, 0.8446



Tritanopia

62.0240, -2.9698, 19.2730

Trichromacy



Original Color

62.6850, 4.5923, 20.4473

Protanomaly

62.2700, 7.2619, 4.1482

Deuteranomaly

62.1950, 4.3409, 7.7220

Tritanomaly

62.4200, -0.2071, 19.8027

Monochromacy



Original Color

62.6850, 4.5923, 20.4473

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6850, 4.5923, 20.4473 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(86, 49, 72)` looks like.

```
.text, #text, p{  
    color:rgb(86, 49, 72)  
}
```

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(86, 49, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 49, 72) }
```

Border

The CSS property to change the border of an element to YUV 62.6850, 4.5923, 20.4473 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(86, 49, 72) }
```


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

```
.border{ border-color:rgb(86, 49, 72) }
```

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

Here you see how a box with a 4 pixel rgb(86, 49, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 49, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 49, 72);  
box-shadow:4px 4px 4px 4px rgb(86, 49, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6850, 4.5923, 20.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 49, 72) }
```

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

```
.background{ background-color: rgb(86, 49,  
72) }
```

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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