

Converting Colors

YUV(45.4880, 20.4654, 62.7160)

Have a look what the booklet for
YUV(45.4880, 20.4654, 62.7160)
contains.

YUV(45.4880, 20.4654, 62.7160)	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(45.4880, 20.4654,
62.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	750157
RGB	117, 1, 87
RGB Percent	46%, 0%, 34%
CMY	0.5412, 0.9961, 0.6588
CMYK	0.00, 0.99, 0.26, 0.54
HSL	316°, 98%, 23%
HSV	316°, 99%, 46%
XYZ	9.0673, 4.4917, 9.4059
YIQ	45.4880, 41.5300, 51.3380

Conversions

Conversions Part 2

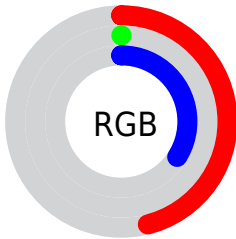
Format	Color
RYB	117, 1, 87
Decimal	7668055
CIELab	25.23, 50.73, -17.32
CIElCh	25, 53.602, 341.151
Yxy	4.4917, 0.3948, 0.1956
Android (android.graphics.Color)	4285858135 (0xFF750157)
YUV	45.4880, 20.4654, 62.7160
Hunter-Lab	21.1937, 39.2784, -11.4777

Details

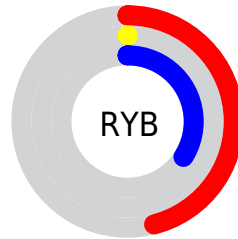
The YUV color **45.4880, 20.4654, 62.7160** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **72.5120, -20.4654, -62.7160**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6740, 14.9507, 58.1679**, and **23.8100, 8.4747, 35.2466** is the 20% darker color. If you saturate the color by 10%, you get **44.9010, 20.7548, 63.2308**, and if you desaturate by 10%, it is **52.8740, 18.3031, 56.2385**.

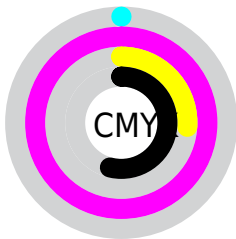
Distribution



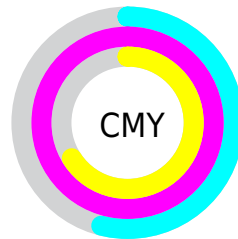
- Red (46%)
- Green (0%)
- Blue (34%)



- Red (46%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4880, 20.4654, 62.7160 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 45.4880, 20.4654, 62.7160 by changing the saturation by 10% instead.

■ 45.4880, 20.4654,
62.7160

■ 45.4880, 20.4654,
62.7160

■ 255.0000, 0.0000,
0.0000

■ 34.2060, 14.6884,
48.9313

■ 106.6740, 14.9507,
58.1679

■ 23.8100, 8.4747,
35.2466

■ 133.8590, 14.3665,
58.8827

■ 13.9410, 2.9871,
21.9767

■ 161.5710, 14.5085,
60.0122


■ 0.0000, 0.0000,
0.0000


■ 187.9730, 14.8033,
58.7827


■ 207.7150, 19.3675,
41.4689

■ 225.6500, 14.4696,


25.7400


 242.0860, 6.3666,
11.3256


 45.4880, 20.4654,
62.7160


 45.4880, 20.4654,
62.7160


 44.9010, 20.7548,
63.2308

 52.8740, 18.3031,
56.2385

 59.6730, 16.4302,
50.2758

 67.0590, 14.2679,
43.7983

 74.4450, 12.1056,
37.3207

 81.2440, 10.2327,
31.3580

■ 88.6300, 8.0704,
24.8805

■ 96.0160, 5.9081,
18.4030

■ 103.4020, 3.7458,
11.9254

■ 110.2010, 1.8729,
5.9627

Harmonies

Analogous

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



60.4110, 30.3634, 14.5486



45.4880, 20.4654, 62.7160



43.6300, 1.6614, 73.9925

Triad

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



45.4880, 20.4654, 62.7160



55.2200, -27.2235, 5.0691



57.4940, 27.3645, -50.4222

Complementary

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



45.4880, 20.4654, 62.7160



72.5120, -20.4654, -62.7160

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.



53.1620, 10.7661, -46.6231



45.4880, 20.4654, 62.7160



42.8730, -21.1364, -34.0916

Square

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



45.4880, 20.4654, 62.7160



56.5810, -27.8944, 33.6935



47.6730, -7.7268, -41.8092



57.9960, 39.4420, -50.8625

Rectangle

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



45.4880, 20.4654, 62.7160



44.1660, -11.4208, 70.0144



47.6730, -7.7268, -41.8092



56.1260, 22.1229, -49.2225

Sweetspot

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



45.4880, 20.4654, 62.7160



124.6300, 8.0704, 24.8805



22.8950, 46.3938, 6.2311



59.6520, 4.6086, 15.2142



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



45.4880, 20.4654, 62.7160



58.6290, 26.8049, 82.7634



38.9900, -4.4321, 68.4148



55.2500, 0.8628, 3.2888



46.8520, 21.7650, 65.9048



95.8400, 43.9559, 135.1983

Inverse Universe

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



45.4880, 20.4654, 62.7160



58.6290, 26.8049, 82.7634



79.0100, 4.4321, -68.4148



55.2500, 0.8628, 3.2888



46.8520, 21.7650, 65.9048



95.8400, 43.9559, 135.1983

Previews

White Background



This preview shows how the YUV color 45.4880, 20.4654, 62.7160 looks on a white background.

Color Contrast Check

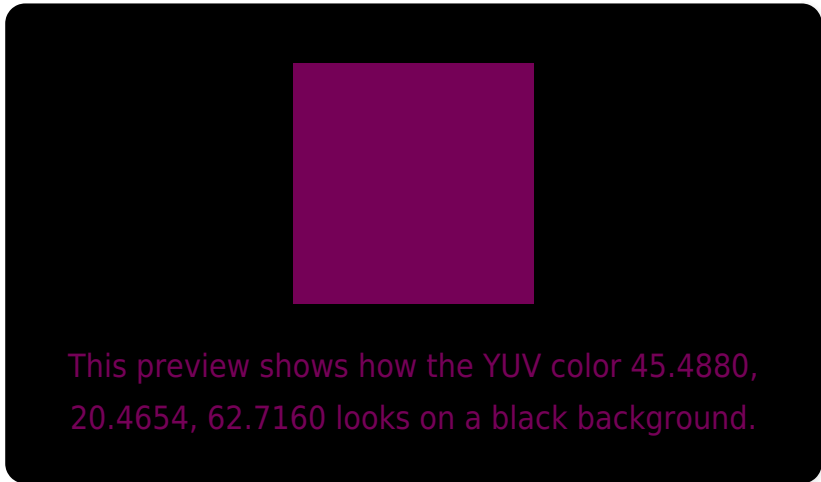
Large Text (above 18pt) WCAG AA ✓ Pass

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

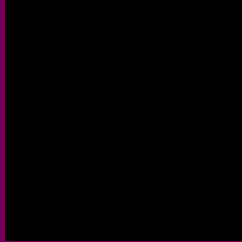
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4880, 20.4654, 62.7160

Background



This preview shows how black text looks on a background with the YUV color 45.4880, 20.4654, 62.7160.



This preview shows how white text looks on a background with the YUV color 45.4880, 20.4654,

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

45.4880, 20.4654, 62.7160

Protanopia

57.7170, 32.6775, -27.8158

Deuteranopia

63.5680, 8.5940, -3.1291



Tritanopia

57.8490, -10.7716, 48.3674

Trichromacy



Original Color

45.4880, 20.4654, 62.7160

Protanomaly

53.1880, 28.5013, 5.0971

Deuteranomaly

57.1610, 12.7386, 20.9068

Tritanomaly

53.2700, 0.8529, 53.2602

Monochromacy



Original Color

45.4880, 20.4654, 62.7160

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0920, 7.3496, 22.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4880, 20.4654, 62.7160 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(117, 1, 87)` looks like.

```
.text, #text, p{  
    color:rgb(117, 1, 87)  
}
```

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(117, 1, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 1, 87) }
```

Border

The CSS property to change the border of an element to YUV 45.4880, 20.4654, 62.7160 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(117, 1, 87) }
```


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

```
.border{ border-color:rgb(117, 1, 87) }
```

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

Here you see how a box with a 4 pixel rgb(117, 1, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 1, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 1, 87);  
box-shadow:4px 4px 4px 4px rgb(117, 1, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.4880, 20.4654, 62.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 1, 87) }
```

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

```
.background{ background-color: rgb(117, 1,  
87) }
```

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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