

Converting Colors

YUV(62.7670, 20.8209, 88.7813)

Have a look what the booklet for
YUV(62.7670, 20.8209, 88.7813)
contains.

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Color

**YUV(62.7670, 20.8209,
88.7813)**

Conversions

Conversions Part 1

Format	Color
Hex	A40369
RGB	164, 3, 105
RGB Percent	64%, 1%, 41%
CMY	0.3569, 0.9882, 0.5882
CMYK	0.00, 0.98, 0.36, 0.36
HSL	322°, 96%, 33%
HSV	322°, 98%, 64%
XYZ	17.8922, 8.9776, 14.1544
YIQ	62.7670, 63.2140, 65.8540

Conversions

Conversions Part 2

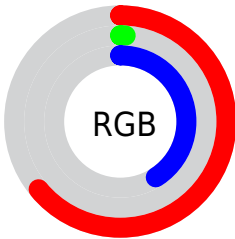
Format	Color
RYB	164, 3, 105
Decimal	10748777
CIELab	35.94, 62.67, -11.76
CIElCh	36, 63.768, 349.371
Yxy	8.9776, 0.4361, 0.2188
Android (android.graphics.Color)	4288938857 (0xFFA40369)
YUV	62.7670, 20.8209, 88.7813
Hunter-Lab	29.9626, 54.1571, -7.0350

Details

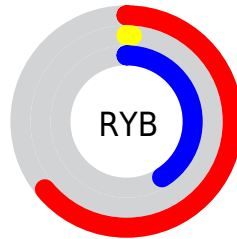
The YUV color **62.7670, 20.8209, 88.7813** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **104.2330, -20.8209, -88.7813**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4210, 12.1174, 80.3148**, and **38.6050, 9.5617, 59.9824** is the 20% darker color. If you saturate the color by 10%, you get **60.8920, 21.2522, 90.4257**, and if you desaturate by 10%, it is **72.8430, 18.8114, 79.9447**.

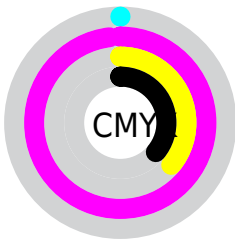
Distribution



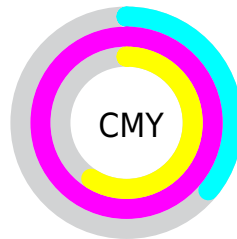
- Red (64%)
- Green (1%)
- Blue (41%)



- Red (64%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (98%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7670, 20.8209, 88.7813 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 62.7670, 20.8209, 88.7813 by changing the saturation by 10% instead.

■ 62.7670, 20.8209,
88.7813

■ 62.7670, 20.8209,
88.7813

■ 255.0000, 0.0000,
0.0000

■ 49.5990, 15.4807,
74.8967

■ 131.4210, 12.1174,
80.3148

■ 38.6050, 9.5617,
59.9824

■ 160.7910, 10.9490,
81.7443

■ 27.7250, 4.0796,
44.9682

■ 180.7180, 14.9290,
65.1453

■ 17.3290, -2.1342,
31.2835

■ 200.3460, 19.0564,
47.9316

■ 1.4950, -0.7370,
3.0739

■ 219.1930, 17.6529,
31.4027

■ 0.0000, 0.0000,
0.0000

■ 236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 62.7670, 20.8209,
88.7813

■ 62.7670, 20.8209,
88.7813

■ 60.8920, 21.2522,
90.4257

■ 72.8430, 18.8114,
79.9447

■ 83.5060, 16.5125,
70.5932

■ 93.5820, 14.5031,
61.7566

■ 104.2450, 12.2042,
52.4051

■ 114.3210, 10.1947,
43.5685

■ 124.3970, 8.1853,
34.7318

■ 135.0600, 5.8864,
25.3804

■ 145.1360, 3.8770,
16.5437

■ 155.7990, 1.5781,
7.1923

Harmonies

Analogous

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



84.0530, 33.4979, 35.9105



62.7670, 20.8209, 88.7813



60.2200, -3.0665, 97.1541

Triad

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



62.7670, 20.8209, 88.7813



75.8310, -37.3847, -2.4828



79.5160, 40.6646, -69.7355

Complementary

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



62.7670, 20.8209, 88.7813



104.2330, -20.8209, -88.7813

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.



75.5600, 20.4299, -66.2661



62.7670, 20.8209, 88.7813



59.2870, -29.2285, -51.9947

Square

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



62.7670, 20.8209, 88.7813



80.1930, -39.5351, 34.0337



68.9310, -2.4310, -60.4525



77.5560, 53.4629, -68.0166

Rectangle

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



62.7670, 20.8209, 88.7813



72.2520, -25.2672, 77.8320



68.9310, -2.4310, -60.4525



78.6210, 34.6968, -68.9506

Sweetspot

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



62.7670, 20.8209, 88.7813



174.9840, 7.8959, 34.2170



38.0980, 62.0697, 18.3311



83.6850, 4.5923, 20.4473



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



62.7670, 20.8209, 88.7813



79.4900, 27.8594, 117.9653



53.8750, -13.2494, 96.5796



76.3750, 1.2941, 4.9331



53.8430, 18.8114, 79.9447



6.6360, 2.1515, 9.9662

Inverse Universe

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



62.7670, 20.8209, 88.7813



79.4900, 27.8594, 117.9653



113.1250, 13.2494, -96.5796



76.3750, 1.2941, 4.9331



53.8430, 18.8114, 79.9447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 62.7670, 20.8209, 88.7813 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

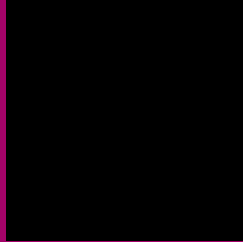
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7670, 20.8209, 88.7813

Background



This preview shows how black text looks on a background with the YUV color 62.7670, 20.8209, 88.7813.



This preview shows how white text looks on a background with the YUV color 62.7670, 20.8209,

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

62.7670, 20.8209, 88.7813

Protanopia

84.6360, 32.2245, -22.4828

Deuteranopia

88.2760, 4.7939, 2.3889



Tritanopia

77.3960, -16.9572, 72.4437

Trichromacy



Original Color

62.7670, 20.8209, 88.7813

Protanomaly

76.5640, 28.3159, 17.9224

Deuteranomaly

79.0810, 10.8061, 34.1320

Tritanomaly

72.0990, -3.0068, 77.9662

Monochromacy



Original Color

62.7670, 20.8209, 88.7813

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8590, 7.4645, 32.5727

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7670, 20.8209, 88.7813 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(164, 3, 105)` looks like.

```
.text, #text, p{  
    color:rgb(164, 3, 105)  
}
```

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(164, 3, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 3, 105) }
```

Border

The CSS property to change the border of an element to YUV 62.7670, 20.8209, 88.7813 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(164, 3, 105) }
```


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

```
.border{ border-color:rgb(164, 3, 105) }
```

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

Here you see how a box with a 4 pixel rgb(164, 3, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 3, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 3, 105);  
box-shadow:4px 4px 4px 4px rgb(164, 3,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 62.7670, 20.8209, 88.7813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 3, 105) }
```

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

```
.background{ background-color: rgb(164, 3,  
105) }
```

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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