

Converting Colors

YUV(62.8090, 6.9962, 89.6215)

Have a look what the booklet for
YUV(62.8090, 6.9962, 89.6215)
contains.

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Color

**YUV(62.8090, 6.9962,
89.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	A5084D
RGB	165, 8, 77
RGB Percent	65%, 3%, 30%
CMY	0.3529, 0.9686, 0.6980
CMYK	0.00, 0.95, 0.53, 0.35
HSL	334°, 91%, 34%
HSV	334°, 95%, 65%
XYZ	16.9434, 8.7088, 7.8091
YIQ	62.8090, 71.4230, 54.7430

Conversions

Conversions Part 2

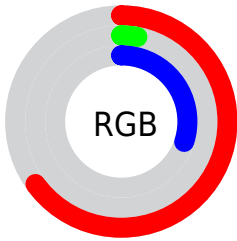
Format	Color
R_{YB}	165, 8, 77
Decimal	10815565
CIE _{Lab}	35.42, 59.77, 5.56
CIE _{LCh}	35, 60.031, 5.310
Yxy	8.7088, 0.5064, 0.2603
Android (android.graphics.Color)	4289005645 (0xFFA5084D)
YUV	62.8090, 6.9962, 89.6215
Hunter-Lab	29.5107, 50.8412, 4.9682

Details

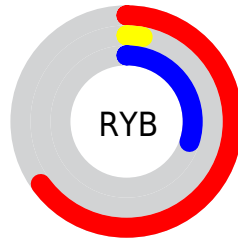
The YUV color **62.8090, 6.9962, 89.6215** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **110.1910, -6.9962, -89.6215**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5990, -1.2813, 84.5437**, and **35.5700, -0.7740, 61.7671** is the 20% darker color. If you saturate the color by 10%, you get **57.6570, 7.5641, 94.1398**, and if you desaturate by 10%, it is **73.2270, 6.2971, 80.4849**.

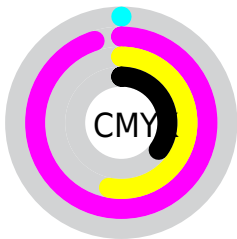
Distribution



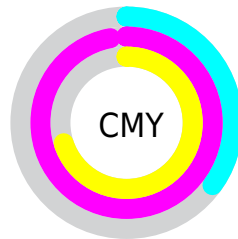
- Red (65%)
- Green (3%)
- Blue (30%)



- Red (65%)
- Yellow (3%)
- Blue (30%)



- Cyan (0%)
- Magenta (95%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (97%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8090, 6.9962, 89.6215 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 62.8090, 6.9962, 89.6215 by changing the saturation by 10% instead.

62.8090, 6.9962,
89.6215

62.8090, 6.9962,
89.6215

255.0000, 0.0000,
0.0000

46.5210, 3.6871,
77.5961

128.5990, -1.2813,
84.5437

35.5700, -0.7740,
61.7671

157.4420, -3.1759,
85.5584

24.4620, -7.1298,
46.9528

176.9560, 0.5147,
68.4446

15.1780, -6.4968,
30.5389

196.4700, 4.2053,
51.3308

0.0000, 0.0000,
0.0000

216.7990, 8.4801,
33.5023

236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 62.8090, 6.9962,
89.6215

■ 62.8090, 6.9962,
89.6215

■ 57.6570, 7.5641,
94.1398

■ 73.2270, 6.2971,
80.4849

■ 84.2320, 5.3086,
70.8335

■ 94.7640, 5.0463,
61.5970

■ 105.7690, 4.0579,
51.9456

■ 116.1870, 3.3588,
42.8090

■ 127.1920, 2.3703,
33.1576

■ 137.7240, 2.1081,
23.9211

■ 148.7290, 1.1196,
14.2697

■ 159.1470, 0.4205,
5.1331

Harmonies

Analogous

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



78.3350, 22.5128, 59.3422



62.8090, 6.9962, 89.6215



72.3810, -20.8938, 75.0879

Triad

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



62.8090, 6.9962, 89.6215



68.3230, -33.6832, -23.0853



77.6070, 46.0427, -68.0613

Complementary

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



62.8090, 6.9962, 89.6215



110.1910, -6.9962, -89.6215

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.



76.1930, 30.4709, -66.8213



62.8090, 6.9962, 89.6215



63.8470, -11.7566, -55.9938

Square

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



62.8090, 6.9962, 89.6215



77.7130, -38.3125, 15.1607



70.8350, 9.9413, -62.1223



71.5890, 53.4466, -62.7836

Rectangle

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



62.8090, 6.9962, 89.6215



76.2160, -37.5745, 58.5696



70.8350, 9.9413, -62.1223



77.7550, 41.5328, -68.1911

Sweetspot

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



62.8090, 6.9962, 89.6215



173.6160, 2.6543, 35.4168



51.6120, 55.9003, 37.1743



82.8870, 1.5347, 21.1471



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.



62.8090, 6.9962, 89.6215



74.7020, 9.5139, 122.1643



59.6390, -25.4580, 92.4016



76.1470, 0.4205, 5.1331



50.6510, 6.5811, 82.7441



6.2940, 0.8411, 10.2662

Inverse Universe

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



62.8090, 6.9962, 89.6215



74.7020, 9.5139, 122.1643



113.3610, 25.4580, -92.4016



76.1470, 0.4205, 5.1331



50.6510, 6.5811, 82.7441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 62.8090, 6.9962, 89.6215 looks on a white background.

Color Contrast Check

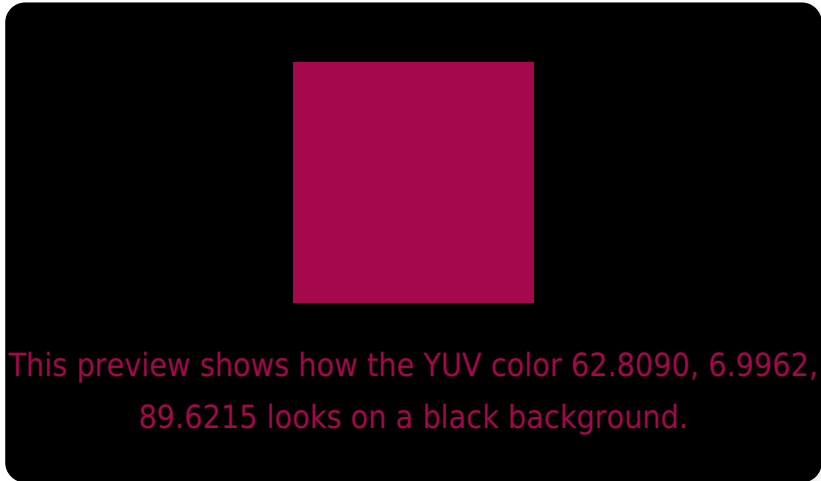
Large Text (above 18pt) WCAG AA ✓ Pass

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

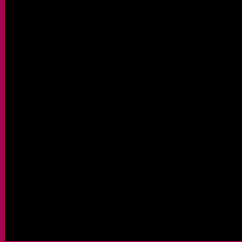
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8090, 6.9962, 89.6215

Background



This preview shows how black text looks on a background with the YUV color 62.8090, 6.9962, 89.6215.



This preview shows how white text looks on a background with the YUV color 62.8090, 6.9962, 89.6215.

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

62.8090, 6.9962, 89.6215

Protanopia

86.1700, 12.2412, -6.2881

Deuteranopia

85.7150, -7.7475, 11.6509



Tritanopia

70.4680, -19.4577, 81.1506

Trichromacy



Original Color

62.8090, 6.9962, 89.6215

Protanomaly

77.6350, 10.5329, 28.3841

Deuteranomaly

77.3840, -2.1613, 40.0052

Tritanomaly

68.0090, -9.8644, 84.1841

Monochromacy



Original Color

62.8090, 6.9962, 89.6215

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8930, 2.5178, 32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8090, 6.9962, 89.6215 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(165, 8, 77)` looks like.

```
.text, #text, p{  
    color:rgb(165, 8, 77)  
}
```

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(165, 8, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 8, 77) }
```

Border

The CSS property to change the border of an element to YUV 62.8090, 6.9962, 89.6215 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(165, 8, 77) }
```


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

```
.border{ border-color:rgb(165, 8, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 8, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 8, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 8, 77);  
box-shadow:4px 4px 4px 4px rgb(165, 8, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8090, 6.9962, 89.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 8, 77) }
```

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

```
.background{ background-color: rgb(165, 8,  
77) }
```

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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