

Converting Colors

YUV(89.0210, 8.3706, 21.9066)

Have a look what the booklet for
YUV(89.0210, 8.3706, 21.9066)
contains.

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Color

**YUV(89.0210, 8.3706,
21.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	72496A
RGB	114, 73, 106
RGB Percent	45%, 29%, 42%
CMY	0.5529, 0.7137, 0.5843
CMYK	0.00, 0.36, 0.07, 0.55
HSL	312°, 22%, 37%
HSV	312°, 36%, 45%
XYZ	11.9235, 9.3831, 14.8184
YIQ	89.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

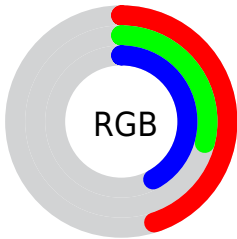
Format	Color
R_{YB}	114, 73, 106
Decimal	7489898
CIE _{Lab}	36.71, 23.09, -11.99
CIE _{LCh}	37, 26.021, 332.556
Yxy	9.3831, 0.3301, 0.2597
Android (android.graphics.Color)	4285679978 (0xFF72496A)
YUV	89.0210, 8.3706, 21.9066
Hunter-Lab	30.6318, 15.8757, -7.2396

Details

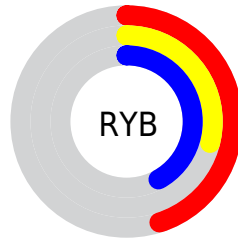
The YUV color **89.0210, 8.3706, 21.9066** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.9790, -8.3706, -21.9066**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4450, 8.6546, 24.1657**, and **42.5970, 8.0867, 19.6474** is the 20% darker color. If you saturate the color by 10%, you get **82.3360, 10.6804, 27.7693**, and if you desaturate by 10%, it is **95.7060, 6.0609, 16.0438**.

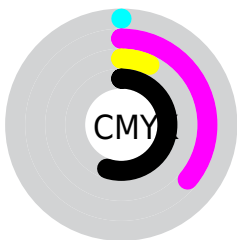
Distribution



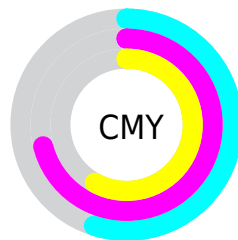
- Red (45%)
- Green (29%)
- Blue (42%)



- Red (45%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0210, 8.3706, 21.9066 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 89.0210, 8.3706, 21.9066 by changing the saturation by 10% instead.

■ 89.0210, 8.3706,
21.9066

■ 89.0210, 8.3706,
21.9066

■ 255.0000, 0.0000,
0.0000

■ 65.3090, 8.2287,
20.7770

■ 139.4450, 8.6546,
24.1657

■ 42.5970, 8.0867,
19.6474

■ 165.8580, 8.9440,
24.6805

■ 19.7110, 8.5235,
19.5475

■ 193.2710, 9.2334,
25.1953

■ 6.1950, 4.3409,
7.7220

■ 221.5700, 9.0860,
25.8101

■ 0.0000, 0.0000,
0.0000

■ 240.9120, 6.9454,
12.3552

89.0210, 8.3706,
21.9066

89.0210, 8.3706,
21.9066

82.3360, 10.6804,
27.7693

95.7060, 6.0609,
16.0438

75.0640, 13.2794,
34.1469

102.9780, 3.4618,
9.6663

68.2650, 15.1524,
40.1096

109.7770, 1.5889,
3.7036

60.9930, 17.7515,
46.4871

117.0490, -1.0102,
-2.6740

54.3080, 20.0612,
52.3499

123.7340, -3.3199,
-8.5367

47.6230, 22.3709,
58.2126


130.4190, -5.6296,
-14.3995

44.5740, 23.3810,
60.8866

137.8050, -7.7919,
-20.8770

144.4900,

-10.1016, -26.7397

 151.7620,
-12.7007, -33.1173

Harmonies

Analogous

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



88.0770, 16.7240, 2.5635



89.0210, 8.3706, 21.9066



88.1550, -1.5554, 32.3131

Triad

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



89.0210, 8.3706, 21.9066



84.8000, -20.1144, 11.5764



69.2510, 19.1033, -60.7331

Complementary

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



89.0210, 8.3706, 21.9066



97.9790, -8.3706, -21.9066

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.



70.5590, 8.5984, -51.3562



89.0210, 8.3706, 21.9066



82.4280, -15.9870, -5.6374

Square

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



89.0210, 8.3706, 21.9066



85.8710, -17.6844, 25.5461



78.8260, -6.3232, -25.2804



70.0970, 26.0812, -58.8441

Rectangle

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



89.0210, 8.3706, 21.9066



87.7440, -8.2548, 34.4275



78.8260, -6.3232, -25.2804



68.5670, 16.4825, -60.1333

Sweetspot

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



89.0210, 8.3706, 21.9066



138.2660, 3.3199, 8.5367



80.0660, 16.7295, 0.8191



67.9020, 2.0203, 5.3479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



89.0210, 8.3706, 21.9066



108.9500, 12.8426, 34.2468



86.7410, -0.3653, 23.9061



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.5390, 50.5133, 131.9543

Inverse Universe

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



89.0210, 8.3706, 21.9066



108.9500, 12.8426, 34.2468



100.2590, 0.3653, -23.9061



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.5390, 50.5133, 131.9543

Previews

White Background



This preview shows how the YUV color 89.0210, 8.3706, 21.9066 looks on a white background.

Color Contrast Check

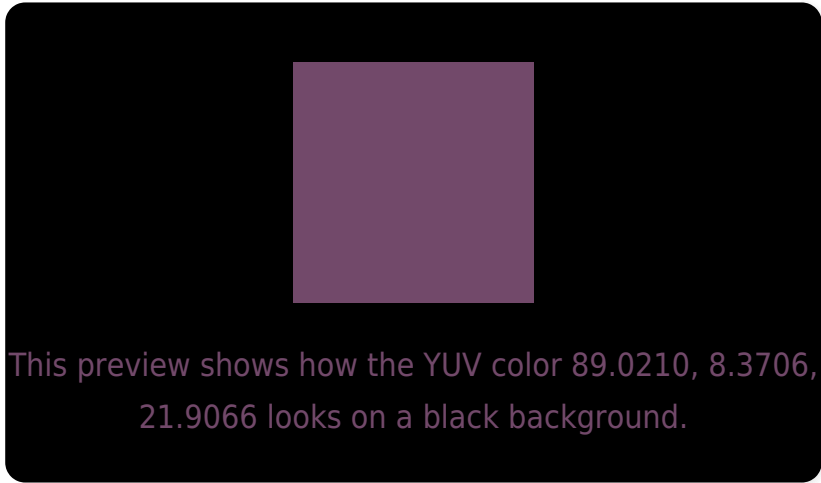
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0210, 8.3706, 21.9066

Background



This preview shows how black text looks on a background with the YUV color 89.0210, 8.3706, 21.9066.



This preview shows how white text looks on a background with the YUV color 89.0210, 8.3706,

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

89.0210, 8.3706, 21.9066

Protanopia

87.2130, 13.6990, -7.2028

Deuteranopia

87.7640, 8.0043, -0.6700



Tritanopia

87.8500, -2.3911, 20.3025

Trichromacy



Original Color

89.0210, 8.3706, 21.9066

Protanomaly

87.8230, 11.9193, 3.6632

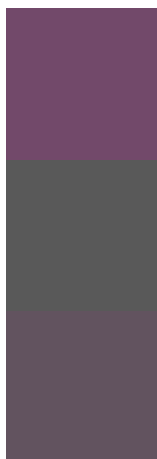
Deuteranomaly

88.5200, 8.1246, 7.4370

Tritanomaly

88.4740, 1.2453, 20.6323

Monochromacy



Original Color

89.0210, 8.3706, 21.9066

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8530, 3.0305, 8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0210, 8.3706, 21.9066 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(114, 73, 106)` looks like.

```
.text, #text, p{  
    color:rgb(114, 73, 106)  
}
```

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(114, 73, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 73, 106) }
```

Border

The CSS property to change the border of an element to YUV 89.0210, 8.3706, 21.9066 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(114, 73, 106) }
```


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

```
.border{ border-color:rgb(114, 73, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 73, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 73, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 73, 106);  
box-shadow:4px 4px 4px 4px rgb(114, 73,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 89.0210, 8.3706, 21.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 73, 106) }
```

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

```
.background{ background-color: rgb(114, 73,  
106) }
```

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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