

Converting Colors

YUV(89.8100, 5.0237, 22.0916)

Have a look what the booklet for
YUV(89.8100, 5.0237, 22.0916)
contains.

YUV(89.8100, 5.0237, 22.0916)	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(89.8100, 5.0237,
22.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	734B64
RGB	115, 75, 100
RGB Percent	45%, 29%, 39%
CMY	0.5490, 0.7059, 0.6078
CMYK	0.00, 0.35, 0.13, 0.55
HSL	322°, 21%, 37%
HSV	322°, 35%, 45%
XYZ	11.8866, 9.5971, 13.2825
YIQ	89.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

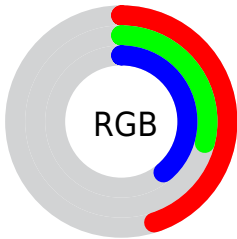
Format	Color
R_{YB}	115, 75, 100
Decimal	7555940
CIE Lab	37.11, 21.12, -7.62
CIE LCh	37, 22.454, 340.155
Yxy	9.5971, 0.3419, 0.2760
Android (android.graphics.Color)	4285746020 (0xFF734B64)
YUV	89.8100, 5.0237, 22.0916
Hunter-Lab	30.9792, 14.2760, -3.7356

Details

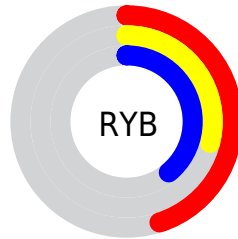
The YUV color **89.8100, 5.0237, 22.0916** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.1900, -5.0237, -22.0916**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2340, 5.3076, 24.3508**, and **43.3860, 4.7397, 19.8325** is the 20% darker color. If you saturate the color by 10%, you get **82.8970, 6.4598, 28.1543**, and if you desaturate by 10%, it is **97.3100, 3.2982, 15.5141**.

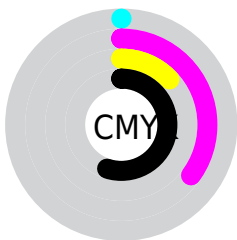
Distribution



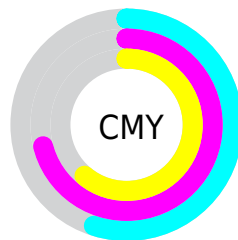
- Red (45%)
- Green (29%)
- Blue (39%)



- Red (45%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (55%)





- Cyan (55%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.8100, 5.0237, 22.0916 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 89.8100, 5.0237, 22.0916 by changing the saturation by 10% instead.


 89.8100, 5.0237,
22.0916

 89.8100, 5.0237,
22.0916

255.0000, 0.0000,
0.0000

 66.0980, 4.8817,
20.9621


 140.2340, 5.3076,
24.3508

 43.3860, 4.7397,
19.8325

 166.6470, 5.5970,
24.8656

 21.2010, 5.3239,
19.1177

 193.9460, 5.4496,
25.4804

 6.1800, 0.4043,
10.3661

 222.2450, 5.3022,
26.0951

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,
11.3256

89.8100, 5.0237,
22.0916

89.8100, 5.0237,
22.0916

82.8970, 6.4598,
28.1543

97.3100, 3.2982,
15.5141

75.2830, 7.7485,
34.8318

104.3370, 2.2989,
9.3515

68.3700, 9.1846,
40.8945

111.8370, 0.5734,
2.7740

60.8700, 10.9101,
47.4720

118.7500, -0.8628,
-3.2887

53.8430, 11.9094,
53.6347

126.3640, -2.1515,
-9.9662

46.3430, 13.6349,
60.2122

133.2770, -3.5876,
-16.0289

42.5930, 14.4977,
63.5009

140.1900, -5.0237,
-22.0916

147.8040, -6.3124,

-28.7691

■ 155.3040, -8.0379,
-35.3466

Harmonies

Analogous

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



89.0730, 12.7820, 6.9520



89.8100, 5.0237, 22.0916



88.9760, -3.4392, 29.8390

Triad

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



89.8100, 5.0237, 22.0916



85.2770, -16.8986, 6.7731



73.9750, 17.7603, -49.9671

Complementary

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



89.8100, 5.0237, 22.0916



100.1900, -5.0237, -22.0916

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.



75.9130, 8.4239, -42.0197



89.8100, 5.0237, 22.0916



83.1440, -11.9030, -8.8963

Square

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



89.8100, 5.0237, 22.0916



87.1800, -16.3577, 20.0131



80.0370, -2.9762, -25.4654



80.6440, 19.8955, -34.7678

Rectangle

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



89.8100, 5.0237, 22.0916



88.4830, -9.1121, 29.3944



80.0370, -2.9762, -25.4654



73.6930, 15.4344, -50.5968

Sweetspot

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



89.8100, 5.0237, 22.0916



140.6250, 2.1569, 8.2219



84.0450, 15.2608, 5.2225



70.6740, 1.1467, 5.5479



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.



89.8100, 5.0237, 22.0916



110.3970, 8.1853, 34.7318



87.5300, -3.7123, 24.0912



55.1360, 0.4260, 3.3887



45.2560, 15.6498, 67.3045



92.5340, 31.2887, 138.0977

Inverse Universe

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



89.8100, 5.0237, 22.0916



110.3970, 8.1853, 34.7318



102.4700, 3.7123, -24.0912



55.1360, 0.4260, 3.3887



45.2560, 15.6498, 67.3045



92.5340, 31.2887, 138.0977

Previews

White Background



This preview shows how the YUV color 89.8100, 5.0237, 22.0916 looks on a white background.

Color Contrast Check

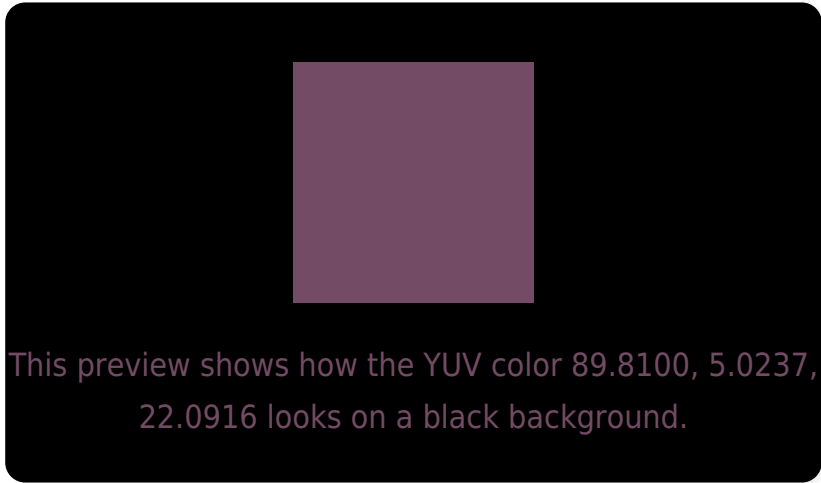
Large Text (above 18pt) WCAG AA ✓ Pass

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

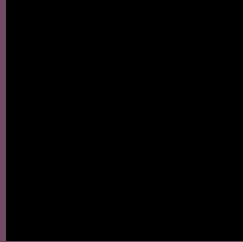
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8100, 5.0237, 22.0916

Background



This preview shows how black text looks on a background with the YUV color 89.8100, 5.0237, 22.0916.



This preview shows how white text looks on a background with the YUV color 89.8100, 5.0237,

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

89.8100, 5.0237, 22.0916

Protanopia

88.1980, 9.7624, -4.5586

Deuteranopia

88.2760, 4.7939, 2.3889



Tritanopia

89.1490, -2.5385, 20.9173

Trichromacy



Original Color

89.8100, 5.0237, 22.0916

Protanomaly

89.0960, 7.8407, 5.1778

Deuteranomaly

88.7330, 5.0616, 9.8812

Tritanomaly

89.5450, 0.2243, 21.4470

Monochromacy



Original Color

89.8100, 5.0237, 22.0916

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8100, 5.0237, 22.0916 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(115, 75, 100)` looks like.

```
.text, #text, p{  
    color:rgb(115, 75, 100)  
}
```

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(115, 75, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 75, 100) }
```

Border

The CSS property to change the border of an element to YUV 89.8100, 5.0237, 22.0916 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(115, 75, 100) }
```


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

```
.border{ border-color:rgb(115, 75, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 75, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 75, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 75, 100);  
box-shadow:4px 4px 4px 4px rgb(115, 75,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 89.8100, 5.0237, 22.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 75, 100) }
```

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

```
.background{ background-color: rgb(115, 75,  
100) }
```

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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