

Converting Colors

YUV(90.6960, 4.5869, 22.1916)

Have a look what the booklet for
YUV(90.6960, 4.5869, 22.1916)
contains.

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Color

**YUV(90.6960, 4.5869,
22.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	744C64
RGB	116, 76, 100
RGB Percent	45%, 30%, 39%
CMY	0.5451, 0.7020, 0.6078
CMYK	0.00, 0.34, 0.14, 0.55
HSL	324°, 21%, 38%
HSV	324°, 34%, 45%
XYZ	12.0872, 9.8020, 13.3115
YIQ	90.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

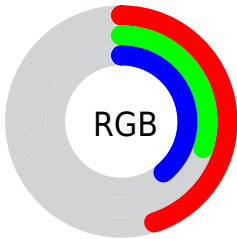
Format	Color
R_{YB}	116, 76, 100
Decimal	7621732
CIE Lab	37.48, 20.90, -7.05
CIE LCh	37, 22.057, 341.366
Yxy	9.8020, 0.3434, 0.2785
Android (android.graphics.Color)	4285811812 (0xFF744C64)
YUV	90.6960, 4.5869, 22.1916
Hunter-Lab	31.3081, 14.1244, -3.2931

Details

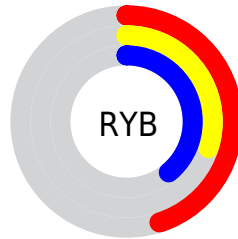
The YUV color **90.6960, 4.5869, 22.1916** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.3040, -4.5869, -22.1916**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1200, 4.8708, 24.4508**, and **44.2720, 4.3029, 19.9325** is the 20% darker color. If you saturate the color by 10%, you get **83.0820, 5.8756, 28.8691**, and if you desaturate by 10%, it is **98.3100, 3.2982, 15.5141**.

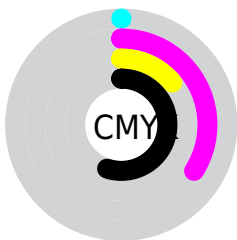
Distribution



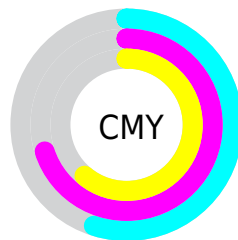
- Red (45%)
- Green (30%)
- Blue (39%)



- Red (45%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (55%)




- Cyan (55%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6960, 4.5869, 22.1916 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 90.6960, 4.5869, 22.1916 by changing the saturation by 10% instead.

 90.6960, 4.5869,
22.1916


 90.6960, 4.5869,
22.1916

255.0000, 0.0000,
0.0000

 66.9840, 4.4449,
21.0620


 141.1200, 4.8708,
24.4508


 44.2720, 4.3029,
19.9325

 168.1200, 4.8708,
24.4508

 22.0870, 4.8871,
19.2177

 194.8320, 5.0128,
25.5803

 6.7780, 0.1094,
11.5957

 223.1310, 4.8654,
26.1951

 0.0000, 0.0000,
0.0000

 242.6730, 6.0772,
10.8108

90.6960, 4.5869,
22.1916

90.6960, 4.5869,
22.1916

83.0820, 5.8756,
28.8691

98.3100, 3.2982,
15.5141

76.1690, 7.3117,
34.9318

105.2230, 1.8621,
9.4514

68.5550, 8.6004,
41.6093

112.8370, 0.5734,
2.7740

61.5280, 9.5997,
47.7719

119.8640, -0.4260,
-3.3887

54.0280, 11.3252,
54.3494

127.3640, -2.1515,
-9.9662

46.4140, 12.6139,
61.0269

134.9780, -3.4402,
-16.6437

42.6640, 13.4766,
64.3157

141.8910, -4.8763,
-22.7064

149.5050, -6.1650,

-29.3839

■ 156.5320, -7.1643,
-35.5466

Harmonies

Analogous

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



90.2580, 12.1978, 7.6667



90.6960, 4.5869, 22.1916



90.1500, -4.0179, 28.8095

Triad

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



90.6960, 4.5869, 22.1916



86.0920, -16.3144, 6.0583



76.1710, 17.1707, -47.5080

Complementary

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



90.6960, 4.5869, 22.1916



101.3040, -4.5869, -22.1916

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.



77.3260, 8.7133, -41.5049



90.6960, 4.5869, 22.1916



84.2580, -11.4662, -8.9963

Square

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



90.6960, 4.5869, 22.1916



87.8810, -16.2103, 19.3984



81.1510, -2.5394, -25.5654



81.9540, 19.7427, -32.4087

Rectangle

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



90.6960, 4.5869, 22.1916



89.1840, -8.9647, 28.7796



81.1510, -2.5394, -25.5654



75.3020, 15.1341, -47.6229

Sweetspot

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



90.6960, 4.5869, 22.1916



140.5110, 1.7201, 8.3219



85.3440, 15.1134, 5.8373



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.



90.6960, 4.5869, 22.1916



111.4570, 7.1697, 33.8022



88.4160, -4.1491, 24.1912



55.1360, 0.4260, 3.3887



44.8000, 13.9026, 67.7044



91.8500, 28.6680, 138.6976

Inverse Universe

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



90.6960, 4.5869, 22.1916



111.4570, 7.1697, 33.8022



103.5840, 4.1491, -24.1912



55.1360, 0.4260, 3.3887



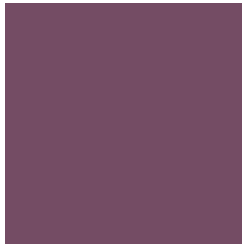
44.8000, 13.9026, 67.7044



91.8500, 28.6680, 138.6976

Previews

White Background



This preview shows how the YUV color 90.6960, 4.5869, 22.1916 looks on a white background.

Color Contrast Check

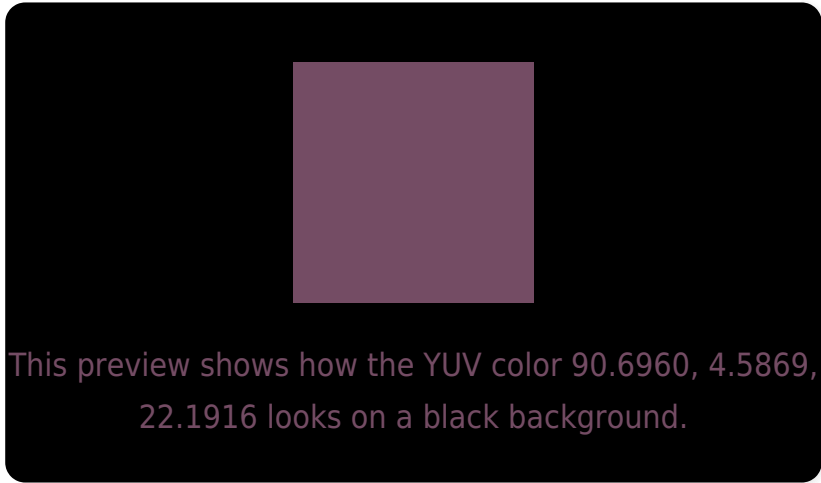
Large Text (above 18pt) WCAG AA ✓ Pass

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

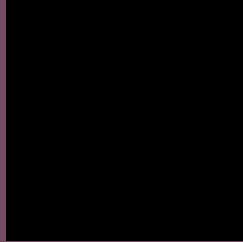
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6960, 4.5869, 22.1916

Background



This preview shows how black text looks on a background with the YUV color 90.6960, 4.5869, 22.1916.



This preview shows how white text looks on a background with the YUV color 90.6960, 4.5869,

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

90.6960, 4.5869, 22.1916

Protanopia

89.0840, 9.3256, -4.4587

Deuteranopia

89.4610, 4.2097, 3.1037



Tritanopia

90.1490, -2.5385, 20.9173

Trichromacy



Original Color

90.6960, 4.5869, 22.1916

Protanomaly

89.9820, 7.4039, 5.2778

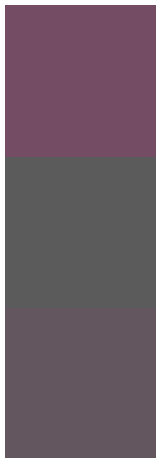
Deuteranomaly

89.6190, 4.6248, 9.9811

Tritanomaly

90.4310, -0.2125, 21.5470

Monochromacy



Original Color

90.6960, 4.5869, 22.1916

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6960, 4.5869, 22.1916 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(116, 76, 100)` looks like.

```
.text, #text, p{  
    color:rgb(116, 76, 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(116, 76, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 76, 100) }
```

Border

The CSS property to change the border of an element to YUV 90.6960, 4.5869, 22.1916 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(116, 76, 100) }
```


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

```
.border{ border-color:rgb(116, 76, 100) }
```

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

Here you see how a box with a 4 pixel rgb(116, 76, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 76, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 76, 100);  
box-shadow:4px 4px 4px 4px rgb(116, 76,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 90.6960, 4.5869, 22.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 76, 100) }
```

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

```
.background{ background-color: rgb(116, 76,  
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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