

Converting Colors

YUV(90.5940, 19.4272, 22.2811)

Have a look what the booklet for
YUV(90.5940, 19.4272, 22.2811)
contains.

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Color

**YUV(90.5940, 19.4272,
22.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	744682
RGB	116, 70, 130
RGB Percent	45%, 27%, 51%
CMY	0.5451, 0.7255, 0.4902
CMYK	0.11, 0.46, 0.00, 0.49
HSL	286°, 30%, 39%
HSV	286°, 46%, 51%
XYZ	13.4219, 9.7050, 22.2849
YIQ	90.5940, 8.1560, 28.4120

Conversions

Conversions Part 2

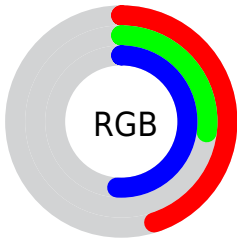
Format	Color
R_{YB}	116, 70, 130
Decimal	7620226
CIE Lab	37.31, 30.60, -25.95
CIE LCh	37, 40.123, 319.694
Yxy	9.7050, 0.2956, 0.2137
Android (android.graphics.Color)	4285810306 (0xFF744682)
YUV	90.5940, 19.4272, 22.2811
Hunter-Lab	31.1529, 22.3872, -20.6055

Details

The YUV color **90.5940, 19.4272, 22.2811** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.4060, -19.4272, -22.2811**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8330, 20.2953, 23.8255**, and **42.3550, 18.5590, 20.7367** is the 20% darker color. If you saturate the color by 10%, you get **82.0660, 23.6315, 27.1291**, and if you desaturate by 10%, it is **99.1220, 15.2229, 17.4330**.

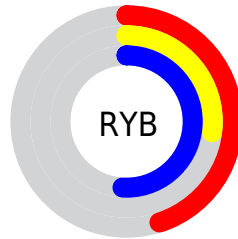
Distribution



Red (45%)

Green (27%)

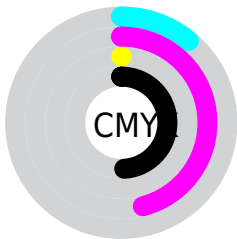
Blue (51%)



Red (45%)

Yellow (27%)

Blue (51%)

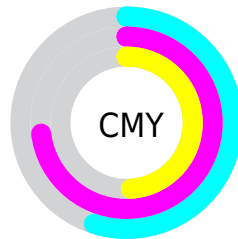


Cyan (11%)

Magenta (46%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5940, 19.4272, 22.2811 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 90.5940, 19.4272, 22.2811 by changing the saturation by 10% instead.

■ 90.5940, 19.4272,
22.2811

■ 90.5940, 19.4272,
22.2811

■ 255.0000, 0.0000,
0.0000

■ 66.1810, 19.1378,
21.7663

■ 141.8330, 20.2953,
23.8255

■ 42.3550, 18.5590,
20.7367

■ 168.6590, 20.8741,
24.8551

■ 19.6430, 18.4170,
19.6071

■ 196.0720, 21.1635,
25.3699

■ 9.9700, 12.3398,
8.7963

■ 222.4160, 16.0639,
27.6992

■ 1.1400, 4.3680,
-0.9998

■ 239.1510, 7.8136,
13.8996

■ 0.0000, 0.0000,
0.0000

90.5940, 19.4272,
22.2811

90.5940, 19.4272,
22.2811

82.0660, 23.6315,
27.1291

99.1220, 15.2229,
17.4330

73.5380, 27.8358,
31.9772

107.6500, 11.0185,
12.5849

65.0100, 32.0401,
36.8252

116.1780, 6.8142,
7.7369

56.4820, 36.2444,
41.6733

124.7060, 2.6099,
2.8888

47.9540, 40.4487,
46.5213

133.2340, -1.5944,
-1.9592


44.7200, 42.0430,
48.4806

141.7620, -5.7987,
-6.8073

150.2900,
-10.0030, -11.6553

158.8180,

-14.2073, -16.5034

 167.3460,
-18.4116, -21.3514

Harmonies

Analogous

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



86.6260, 30.7504, -16.3350



90.5940, 19.4272, 22.2811



88.1920, 5.8213, 46.3126

Triad

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



90.5940, 19.4272, 22.2811



84.3860, -32.2353, 25.9715



72.8870, 17.8037, -63.9219

Complementary

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



90.5940, 19.4272, 22.2811



109.4060, -19.4272, -22.2811

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.



69.0110, 2.9526, -60.5226



90.5940, 19.4272, 22.2811



82.1010, -30.1228, 1.6654

Square

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



90.5940, 19.4272, 22.2811



85.6130, -22.9802, 44.1894



76.5840, -16.0639, -27.6992



74.9050, 30.6128, -65.6917

Rectangle

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



90.5940, 19.4272, 22.2811



87.0050, -3.9465, 52.6156



76.5840, -16.0639, -27.6992



71.6330, 12.9989, -62.8221

Sweetspot

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



90.5940, 19.4272, 22.2811



153.0040, 7.3930, 8.7665



85.0580, 22.1564, -13.2059



74.8850, 4.4937, 5.3629



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



90.5940, 19.4272, 22.2811



107.7170, 29.7195, 34.4512



92.9560, 10.3747, 32.4876



59.2930, 2.3206, 2.3740



43.8940, 41.4643, 47.4510



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5360, -2.7292, 35.4869



105.9020, -4.3887, 54.4599



107.0440, -10.3747, -32.4876



59.3210, -0.1583, 4.1035



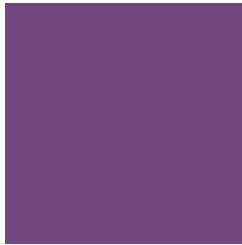
41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.5940, 19.4272, 22.2811 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



This preview shows how the YUV color 90.5940, 19.4272, 22.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

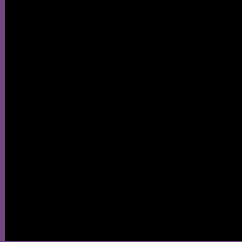
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.5940, 19.4272, 22.2811

Background



This preview shows how black text looks on a background with the YUV color 90.5940, 19.4272, 22.2811.



This preview shows how white text looks on a background with the YUV color 90.5940, 19.4272,

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

90.5940, 19.4272, 22.2811

Protanopia

86.3330, 28.4298, -18.7090

Deuteranopia

87.3740, 19.5356, -12.6060



Tritanopia

89.6540, -1.8014, 17.8434

Trichromacy



Original Color

90.5940, 19.4272, 22.2811

Protanomaly

87.9220, 25.1815, -3.4396

Deuteranomaly

88.7500, 19.3502, 0.2193

Tritanomaly

89.7280, 6.0501, 19.5325

Monochromacy



Original Color

90.5940, 19.4272, 22.2811

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.5910, 7.1036, 8.2517

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5940, 19.4272, 22.2811 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, 70, 130)` looks like.

```
.text, #text, p{  
    color:rgb(116, 70, 130)  
}
```

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, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 70, 130) }
```

Border

The CSS property to change the border of an element to YUV 90.5940, 19.4272, 22.2811 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, 70, 130) }
```


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

```
.border{ border-color:rgb(116, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 70, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 70, 130);  
box-shadow:4px 4px 4px 4px rgb(116, 70,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 90.5940, 19.4272, 22.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 70, 130) }
```

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

```
.background{ background-color: rgb(116, 70,  
130) }
```

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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