

Converting Colors

YUV(64.3990, 18.5373, 27.7141)

Have a look what the booklet for
YUV(64.3990, 18.5373, 27.7141)
contains.

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Color

**YUV(64.3990, 18.5373,
27.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	602966
RGB	96, 41, 102
RGB Percent	38%, 16%, 40%
CMY	0.6235, 0.8392, 0.6000
CMYK	0.06, 0.60, 0.00, 0.60
HSL	294°, 43%, 28%
HSV	294°, 60%, 40%
XYZ	8.0151, 5.0320, 13.1192
YIQ	64.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

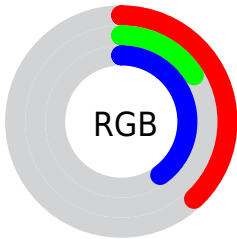
Format	Color
R_{YB}	96, 41, 102
Decimal	6302054
CIE _{Lab}	26.83, 34.67, -24.94
CIE _{LCh}	27, 42.709, 324.263
Yxy	5.0320, 0.3063, 0.1923
Android (android.graphics.Color)	4284492134 (0xFF602966)
YUV	64.3990, 18.5373, 27.7141
Hunter-Lab	22.4321, 24.5227, -18.9728

Details

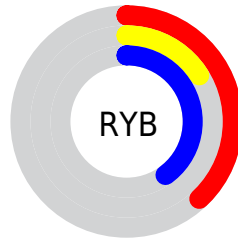
The YUV color **64.3990, 18.5373, 27.7141** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.6010, -18.5373, -27.7141**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5240, 18.9687, 29.3585**, and **20.3230, 17.0958, 23.3957** is the 20% darker color. If you saturate the color by 10%, you get **58.2300, 21.5786, 32.2473**, and if you desaturate by 10%, it is **70.5680, 15.4960, 23.1809**.

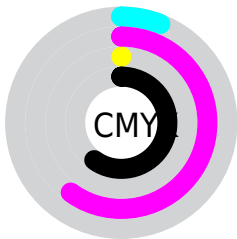
Distribution



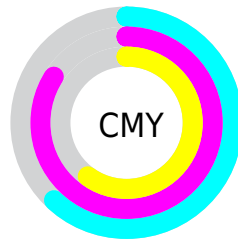
- Red (38%)
- Green (16%)
- Blue (40%)



- Red (38%)
- Yellow (16%)
- Blue (40%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3990, 18.5373, 27.7141 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 64.3990, 18.5373, 27.7141 by changing the saturation by 10% instead.

64.3990, 18.5373,
27.7141

64.3990, 18.5373,
27.7141

255.0000, 0.0000,
0.0000

39.5130, 18.9741,
27.6141

114.5240, 18.9687,
29.3585

20.3230, 17.0958,
23.3957

140.6490, 19.4000,
31.0028

11.2370, 10.7292,
12.0702

167.4750, 19.9788,
32.0324

0.5700, 2.1840,
-0.4999

194.8880, 20.2682,
32.5472

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 64.3990, 18.5373,
27.7141

■ 64.3990, 18.5373,
27.7141

■ 58.2300, 21.5786,
32.2473

■ 70.5680, 15.4960,
23.1809

■ 52.0610, 24.6199,
36.7805

■ 76.7370, 12.4547,
18.6477

■ 45.3050, 27.9506,
41.8285

■ 83.4930, 9.1240,
13.5996

■ 39.1360, 30.9920,
46.3617

■ 89.6620, 6.0826,
9.0664

■ 95.8310, 3.0413,
4.5332

■ 102.0000, 0.0000,
0.0000

■ 108.1690, -3.0413,
-4.5332

■ 114.9250, -6.3720,
-9.5812

■ 121.0940, -9.4133,
-14.1144

Harmonies

Analogous

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



62.1210, 30.0133, -13.2611



64.3990, 18.5373, 27.7141



58.9260, 5.9525, 50.9309

Triad

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



64.3990, 18.5373, 27.7141



60.0370, -29.5982, 20.1386



55.9320, 16.3025, -49.0524

Complementary

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



64.3990, 18.5373, 27.7141



78.6010, -18.5373, -27.7141

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.



51.5830, 2.1776, -45.2383



64.3990, 18.5373, 27.7141



56.0510, -27.6331, -3.5527

Square

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



64.3990, 18.5373, 27.7141



59.4940, -25.8795, 40.7858



46.5330, -12.0948, -40.8094



57.8360, 28.6749, -50.7222

Rectangle

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



64.3990, 18.5373, 27.7141



57.6140, -4.2467, 55.5895



46.5330, -12.0948, -40.8094



54.7920, 11.9345, -48.0526

Sweetspot

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



64.3990, 18.5373, 27.7141



118.0150, 7.3876, 10.5108



51.4760, 24.9083, -9.1875



57.4830, 4.1989, 6.5924



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



64.3990, 18.5373, 27.7141



73.6580, 29.2556, 43.2729



63.4570, 7.1697, 33.8022



47.7660, 1.5944, 1.9592



43.9070, 35.0488, 51.8246



92.7700, 73.5704, 109.8267

Inverse Universe

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



59.9230, -6.3710, 36.9015



66.8440, -9.7831, 58.0188



79.5430, -7.1697, -33.8022



47.4950, -0.7370, 3.0739



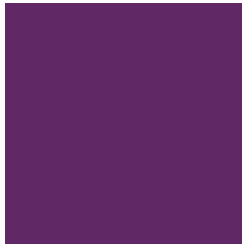
35.6390, -12.1470, 69.5996



75.0940, -25.1893, 146.3766

Previews

White Background



This preview shows how the YUV color 64.3990, 18.5373, 27.7141 looks on a white background.

Color Contrast Check

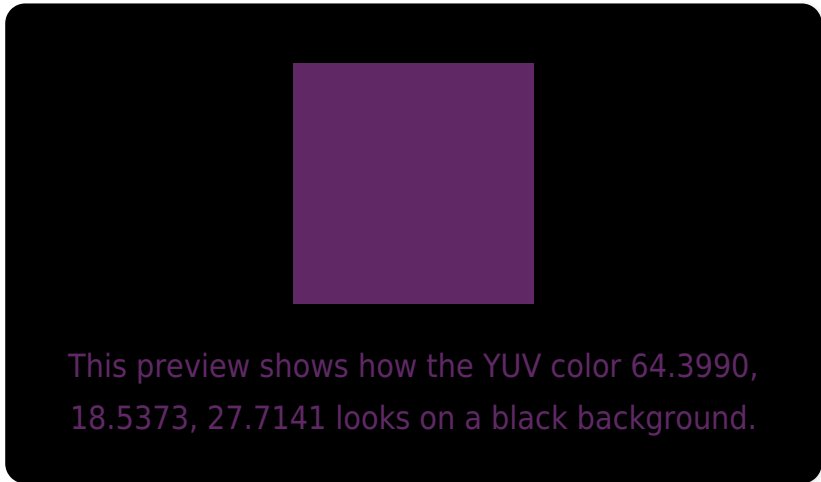
Large Text (above 18pt) WCAG AA ✓ Pass

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

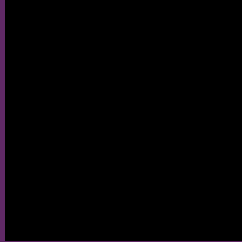
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3990, 18.5373, 27.7141

Background



This preview shows how black text looks on a background with the YUV color 64.3990, 18.5373, 27.7141.



This preview shows how white text looks on a background with the YUV color 64.3990, 18.5373,

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

64.3990, 18.5373, 27.7141

Protanopia

59.5710, 30.7775, -25.0568

Deuteranopia

63.0920, 17.2096, -13.2357



Tritanopia

64.5190, -3.7069, 22.3468

Trichromacy



Original Color

64.3990, 18.5373, 27.7141

Protanomaly

61.2530, 26.4973, -5.4839

Deuteranomaly

63.5930, 17.4557, 1.2339

Tritanomaly

64.5930, 4.1447, 24.0359

Monochromacy



Original Color

64.3990, 18.5373, 27.7141

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.4880, 6.6614, 10.0960

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3990, 18.5373, 27.7141 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(96, 41, 102)` looks like.

```
.text, #text, p{  
    color:rgb(96, 41, 102)  
}
```

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(96, 41, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 41, 102) }
```

Border

The CSS property to change the border of an element to YUV 64.3990, 18.5373, 27.7141 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(96, 41, 102) }
```


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

```
.border{ border-color:rgb(96, 41, 102) }
```

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

Here you see how a box with a 4 pixel rgb(96, 41, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 41, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 41, 102);  
box-shadow:4px 4px 4px 4px rgb(96, 41,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 64.3990, 18.5373, 27.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 41, 102) }
```

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

```
.background{ background-color: rgb(96, 41,  
102) }
```

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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