

Converting Colors

YUV(100.6890, 62.2713, 0.2727)

Have a look what the booklet for
YUV(100.6890, 62.2713, 0.2727)
contains.

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Color

**YUV(100.6890, 62.2713,
0.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	654CE3
RGB	101, 76, 227
RGB Percent	40%, 30%, 89%
CMY	0.6039, 0.7020, 0.1098
CMYK	0.56, 0.67, 0.00, 0.11
HSL	250°, 73%, 59%
HSV	250°, 67%, 89%
XYZ	21.8164, 13.4816, 74.1254
YIQ	100.6890, -33.5710, 52.2610

Conversions

Conversions Part 2

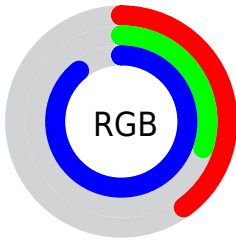
Format	Color
R_{YB}	101, 76, 227
Decimal	6638819
CIE _{Lab}	43.48, 49.76, -73.39
CIE _{LCh}	43, 88.667, 304.138
Yxy	13.4816, 0.1994, 0.1232
Android (android.graphics.Color)	4284828899 (0xFF654CE3)
YUV	100.6890, 62.2713, 0.2727
Hunter-Lab	36.7173, 41.8042, -93.9932

Details

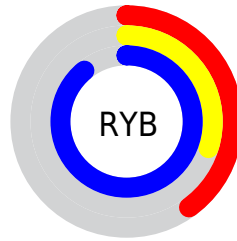
The YUV color **100.6890, 62.2713, 0.2727** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **202.3110, -62.2713, -0.2727**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0570, 50.7509, 8.7200**, and **43.2910, 62.4675, -16.0412** is the 20% darker color. If you saturate the color by 10%, you get **81.5070, 71.7280, 0.4324**, and if you desaturate by 10%, it is **119.8710, 52.8146, 0.1131**.

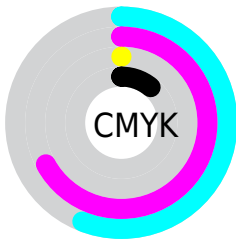
Distribution



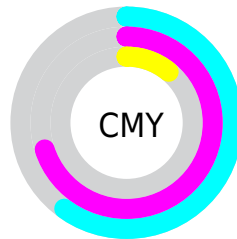
- Red (40%)
- Green (30%)
- Blue (89%)



- Red (40%)
- Yellow (30%)
- Blue (89%)



- Cyan (56%)
- Magenta (67%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (70%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6890, 62.2713, 0.2727 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 100.6890, 62.2713, 0.2727 by changing the saturation by 10% instead.

■ 100.6890, 62.2713,
0.2727

■ 100.6890, 62.2713,
0.2727

255.0000, 0.0000,
0.0000

■ 73.4280, 61.4140,
-4.7604

■ 152.0570, 50.7509,
8.7200

■ 43.2910, 62.4675,
-16.0412

■ 176.2890, 38.8045,
13.7785

■ 18.0630, 61.5939,
-15.8413

■ 201.1080, 26.5688,
18.3223

■ 13.3380, 51.1054,
-11.6974

■ 226.8130, 13.8962,
22.9660

■ 10.3740, 39.7486,
-9.0980

■ 244.4340, 5.2090,
9.2664

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 100.6890, 62.2713,
0.2727

■ 100.6890, 62.2713,
0.2727

■ 81.5070, 71.7280,
0.4324

■ 119.8710, 52.8146,
0.1131

■ 62.9120, 80.8954,
0.0772

■ 138.4660, 43.6473,
0.4683

■ 43.7300, 90.3521,
0.2368

■ 157.6480, 34.1905,
0.3087

■ 37.2400, 93.5517,
0.6665

■ 176.8300, 24.7338,
0.1491

■ 196.0120, 15.2771,
-0.0105

■ 214.6070, 6.1097,
0.3447

■ 233.7890, -3.3470,
0.1850

■ 251.2100,
-11.9355, 1.5698

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



93.9990, 78.3875, -82.4371



100.6890, 62.2713, 0.2727



77.1580, 44.7851, 102.4704

Triad

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



100.6890, 62.2713, 0.2727



93.7030, -46.1956, 70.4205



89.6650, 11.0112, -78.6362

Complementary

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



100.6890, 62.2713, 0.2727



202.3110, -62.2713, -0.2727

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.



77.8550, -24.0855, -68.2788



100.6890, 62.2713, 0.2727



96.0310, -47.3433, 18.3898

Square

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



100.6890, 62.2713, 0.2727



66.4230, -20.9145, 128.5480



77.9150, -38.4121, -46.4065



97.9870, 42.8974, -85.9346

Rectangle

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



100.6890, 62.2713, 0.2727



79.2750, 20.5704, 122.5388



77.9150, -38.4121, -46.4065



86.1140, -0.0562, -75.5220

Sweetspot

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



100.6890, 62.2713, 0.2727



212.2060, 21.0974, -0.1807



168.3500, 28.9145, -80.9909



102.0290, 12.8037, -0.0254



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



100.6890, 62.2713, 0.2727



84.4220, 84.0950, 0.5069



122.5160, 51.5106, 45.1515



104.9660, 4.9468, 0.0298



29.3760, 73.7646, 0.5472



8.2060, 21.0974, -0.1807

Inverse Universe

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



135.5130, 32.7781, 80.2341



131.3760, 44.1846, 108.4182



180.4840, -51.5106, -45.1515



107.7280, 2.5991, 6.3775



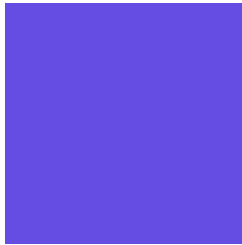
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 100.6890, 62.2713, 0.2727 looks on a white background.

Color Contrast Check

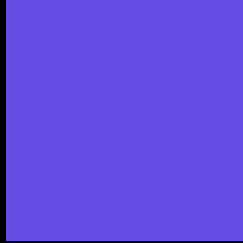
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 100.6890, 62.2713, 0.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

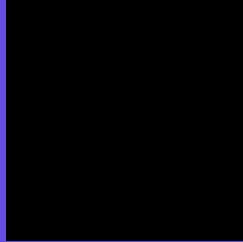
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6890, 62.2713, 0.2727

Background



This preview shows how black text looks on a background with the YUV color 100.6890, 62.2713, 0.2727.



This preview shows how white text looks on a background with the YUV color 100.6890, 62.2713,

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

100.6890, 62.2713, 0.2727

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.1550, 48.2376, -72.0499



Tritanopia

96.6740, 11.0067, -30.4091

Trichromacy



Original Color

100.6890, 62.2713, 0.2727

Protanomaly

89.1040, 62.5597, -45.6952

Deuteranomaly

88.6990, 53.3924, -45.3400

Tritanomaly

98.2620, 29.4508, -19.5238

Monochromacy



Original Color

100.6890, 62.2713, 0.2727

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9610, 22.6972, 0.0342

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6890, 62.2713, 0.2727 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(101, 76, 227)` looks like.

```
.text, #text, p{  
    color:rgb(101, 76, 227)  
}
```

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(101, 76, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 76, 227) }
```

Border

The CSS property to change the border of an element to YUV 100.6890, 62.2713, 0.2727 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(101, 76, 227) }
```


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

```
.border{ border-color:rgb(101, 76, 227) }
```

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

Here you see how a box with a 4 pixel rgb(101, 76, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 76, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 76, 227);  
box-shadow:4px 4px 4px 4px rgb(101, 76,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 100.6890, 62.2713, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 76, 227) }
```

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

```
.background{ background-color: rgb(101, 76,  
227) }
```

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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