

Converting Colors

YUV(92.4820, 66.3174, 9.2243)

Have a look what the booklet for
YUV(92.4820, 66.3174, 9.2243)
contains.

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Color

**YUV(92.4820, 66.3174,
9.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	673DE3
RGB	103, 61, 227
RGB Percent	40%, 24%, 89%
CMY	0.5961, 0.7608, 0.1098
CMYK	0.55, 0.73, 0.00, 0.11
HSL	255°, 75%, 56%
HSV	255°, 73%, 89%
XYZ	21.1274, 11.7671, 73.8308
YIQ	92.4820, -28.2540, 60.5300

Conversions

Conversions Part 2

Format	Color
R_{YB}	103, 61, 227
Decimal	6766051
CIE Lab	40.84, 57.87, -77.70
CIE LCh	41, 96.881, 306.676
Yxy	11.7671, 0.1980, 0.1103
Android (android.graphics.Color)	4284956131 (0xFF673DE3)
YUV	92.4820, 66.3174, 9.2243
Hunter-Lab	34.3032, 49.9078, -103.5976

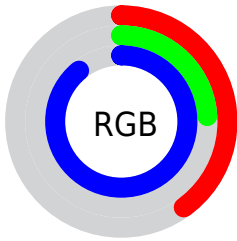
Details

The YUV color **92.4820, 66.3174, 9.2243** is a dark color, and the websafe version is hex **6633CC**.

The color can be described as dark washed purple. A complement of this color would be **195.5180, -66.3174, -9.2243**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7360, 54.3602, 17.7715**, and **29.5020, 69.2655, -3.0713** is the 20% darker color. If you saturate the color by 10%, you get **73.8980, 75.4793, 10.6135**, and if you desaturate by 10%, it is **111.0660, 57.1555, 7.8351**.

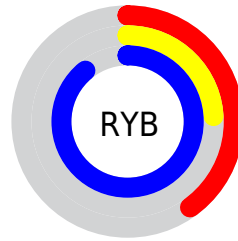
Distribution



Red (40%)

Green (24%)

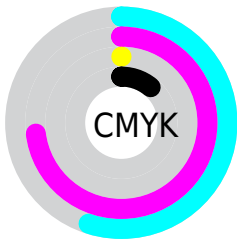
Blue (89%)



Red (40%)

Yellow (24%)

Blue (89%)

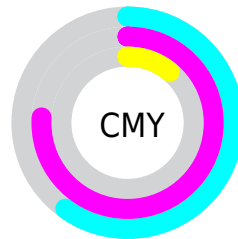


Cyan (55%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (76%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4820, 66.3174, 9.2243 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 92.4820, 66.3174, 9.2243 by changing the saturation by 10% instead.

■ 92.4820, 66.3174,
9.2243

■ 92.4820, 66.3174,
9.2243

■ 255.0000, 0.0000,
0.0000

■ 64.0470, 66.0388,
5.2208

■ 144.7360, 54.3602,
17.7715

■ 29.5020, 69.2655,
-3.0713

■ 168.9680, 42.4138,
22.8301

■ 16.3020, 62.4621,
-14.2969

■ 194.0860, 30.0306,
27.9886

■ 13.2240, 50.6686,
-11.5974

■ 219.1930, 17.6529,
31.4027

■ 10.2600, 39.3118,
-8.9980

■ 236.2160, 9.2605,
16.4736

■ 11.6330, 26.8029,
-10.2021

■ 253.2390, 0.8682,

■ 6.6630, 17.9141,

1.5444

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 92.4820, 66.3174,
9.2243

■ 92.4820, 66.3174,
9.2243

■ 73.8980, 75.4793,
10.6135

■ 111.0660, 57.1555,
7.8351

■ 55.9010, 84.3518,
11.4878

■ 129.0630, 48.2829,
6.9607

■ 42.9210, 90.7509,
12.3473

■ 147.6470, 39.1210,
5.5716

■ 166.2310, 29.9591,
4.1824

■ 184.8150, 20.7972,
2.7932

■ 202.8120, 11.9247,
1.9189

■ 221.3960, 2.7628,
0.5297

■ 239.9800, -6.3991,
-0.8595

■ 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.



90.1180, 81.2868, -79.0335



92.4820, 66.3174, 9.2243



77.5560, 41.1379, 105.6294

Triad

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



92.4820, 66.3174, 9.2243



87.7890, -43.2800, 68.5910



86.2570, 13.1843, -75.6474

Complementary

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



92.4820, 66.3174, 9.2243



195.5180, -66.3174, -9.2243

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.



74.1220, -25.6961, -65.0050



92.4820, 66.3174, 9.2243



89.1980, -43.9746, 11.2274

Square

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



92.4820, 66.3174, 9.2243



62.7900, -30.9555, 129.1032



67.5050, -33.2800, -59.2019



95.7360, 46.9652, -83.9605

Rectangle

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



92.4820, 66.3174, 9.2243



78.8040, 14.8866, 125.5829



67.5050, -33.2800, -59.2019



82.4780, 1.2433, -72.3332

Sweetspot

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



92.4820, 66.3174, 9.2243



209.5700, 22.3970, 3.0081



153.2990, 36.3346, -80.9462



100.5670, 13.5245, 2.1337



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.



92.4820, 66.3174, 9.2243



73.2800, 89.5880, 12.0324



117.2990, 54.0826, 60.2508



105.2650, 4.7994, 0.6446



33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Inverse Universe

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



124.7700, 29.6934, 89.6557



117.0140, 39.9261, 121.0137



171.0000, -54.2300, -59.6360



107.6140, 2.1623, 6.4775



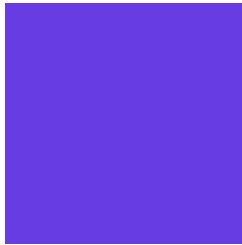
68.6830, 31.7083, 96.7480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 92.4820, 66.3174, 9.2243 looks on a white background.

Color Contrast Check

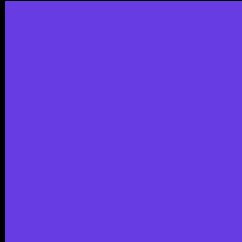
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.4820, 66.3174, 9.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

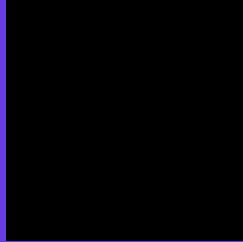
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4820, 66.3174, 9.2243

Background



This preview shows how black text looks on a background with the YUV color 92.4820, 66.3174, 9.2243.



This preview shows how white text looks on a background with the YUV color 92.4820, 66.3174,

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

92.4820, 66.3174, 9.2243

Protanopia

76.8210, 58.2622, -67.3720

Deuteranopia

77.2650, 44.7324, -67.7614



Tritanopia

91.2510, 9.2433, -24.7761

Trichromacy



Original Color

92.4820, 66.3174, 9.2243

Protanomaly

82.2080, 61.5225, -39.6474

Deuteranomaly

82.5040, 52.5025, -39.9070

Tritanomaly

91.8330, 30.1553, -12.1315

Monochromacy



Original Color

92.4820, 66.3174, 9.2243

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.3250, 23.9968, 3.2230

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4820, 66.3174, 9.2243 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(103, 61, 227)` looks like.

```
.text, #text, p{  
    color:rgb(103, 61, 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(103, 61, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 61, 227) }
```

Border

The CSS property to change the border of an element to YUV 92.4820, 66.3174, 9.2243 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(103, 61, 227) }
```


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

```
.border{ border-color:rgb(103, 61, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 61, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 61, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 61, 227);  
box-shadow:4px 4px 4px 4px rgb(103, 61,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 92.4820, 66.3174, 9.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 61, 227) }
```

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

```
.background{ background-color: rgb(103, 61,  
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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