

Converting Colors

YUV(66.5900, 72.6731, 24.0386)

Have a look what the booklet for
YUV(66.5900, 72.6731, 24.0386)
contains.

YUV(66.5900, 72.6731, 24.0386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.5900, 72.6731,
24.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	5E18D6
RGB	94, 24, 214
RGB Percent	37%, 9%, 84%
CMY	0.6314, 0.9059, 0.1608
CMYK	0.56, 0.89, 0.00, 0.16
HSL	262°, 80%, 47%
HSV	262°, 89%, 84%
XYZ	17.0803, 7.8880, 64.2406
YIQ	66.5900, -19.2700, 73.9300

Conversions

Conversions Part 2

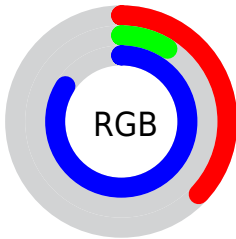
Format	Color
R_{YB}	94, 24, 214
Decimal	6166742
CIE _{Lab}	33.75, 67.72, -81.97
CIE _{LCh}	34, 106.327, 309.563
Yxy	7.8880, 0.1915, 0.0884
Android (android.graphics.Color)	4284356822 (0xFF5E18D6)
YUV	66.5900, 72.6731, 24.0386
Hunter-Lab	28.0856, 59.4056, -115.9552

Details

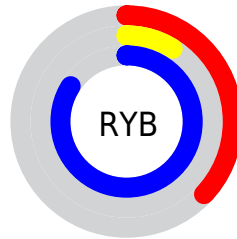
The YUV color **66.5900, 72.6731, 24.0386** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **171.4100, -72.6731, -24.0386**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7340, 64.2211, 28.2973**, and **18.0120, 69.0141, -15.7965** is the 20% darker color. If you saturate the color by 10%, you get **50.0770, 80.8140, 26.2425**, and if you desaturate by 10%, it is **83.1030, 64.5322, 21.8347**.

Distribution



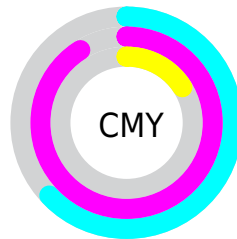
- Red (37%)
- Green (9%)
- Blue (84%)



- Red (37%)
- Yellow (9%)
- Blue (84%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (91%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5900, 72.6731, 24.0386 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 66.5900, 72.6731, 24.0386 by changing the saturation by 10% instead.

■ 66.5900, 72.6731,
24.0386

■ 66.5900, 72.6731,
24.0386

■ 255.0000, 0.0000,
0.0000

■ 38.7310, 72.1106,
17.7759

■ 124.7340, 64.2211,
28.2973

■ 18.0120, 69.0141,
-15.7965

■ 149.5530, 51.9854,
32.8410

■ 14.9340, 57.2205,
-13.0971

■ 174.6710, 39.6022,
37.9995

■ 11.8560, 45.4270,
-10.3977

■ 200.3760, 26.9296,
42.6432

■ 14.8760, 31.6131,
-13.0463

■ 218.6060, 17.9422,
31.9175

■ 9.2050, 22.5769,
-8.0728

■ 235.6290, 9.5499,

■ 4.9360, 13.8356,

16.9884

-4.3289

253.2390, 0.8682,
1.5444

0.5700, 2.1840,
-0.4999

0.0000, 0.0000,
0.0000

66.5900, 72.6731,
24.0386

66.5900, 72.6731,
24.0386

50.0770, 80.8140,
26.2425

83.1030, 64.5322,
21.8347

48.0170, 81.8296,
27.1721

99.9040, 56.2493,
18.5012

116.4170, 48.1084,
16.2973

133.2180, 39.8255,
12.9638

■ 149.7310, 31.6846,
10.7599

■ 165.9450, 23.6911,
7.9412

■ 183.0450, 15.2608,
5.2225

■ 199.2590, 7.2673,
2.4039

■ 216.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



79.9110, 85.3329, -70.0819



66.5900, 72.6731, 24.0386



72.7700, 33.1444, 102.8107

Triad

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



66.5900, 72.6731, 24.0386



71.2210, -35.1120, 62.0732



74.3060, 15.6251, -65.1664

Complementary

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



66.5900, 72.6731, 24.0386



171.4100, -72.6731, -24.0386

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.



61.5040, -28.3495, -53.9390



66.5900, 72.6731, 24.0386



71.7220, -35.3589, 1.1208

Square

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



66.5900, 72.6731, 24.0386



57.1090, -28.1547, 117.4224



58.1130, -28.6497, -50.9651



84.8280, 50.8638, -74.3942

Rectangle

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



66.5900, 72.6731, 24.0386



72.4800, 6.1724, 120.6050



58.1130, -28.6497, -50.9651



70.2990, 2.8106, -61.6522

Sweetspot

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



66.5900, 72.6731, 24.0386



201.6400, 26.3065, 9.0857



116.1000, 48.2647, -80.7717



96.1590, 15.6976, 5.1226



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.



66.5900, 72.6731, 24.0386



57.1760, 97.5272, 32.2946



94.9950, 58.6695, 82.4424



98.4500, 4.2152, 1.3594



38.3310, 65.4058, 21.6347



9.6860, 16.4238, 5.5374

Inverse Universe

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



94.4900, 24.4084, 104.8103



94.5990, 32.7357, 140.6717



143.0050, -58.6695, -82.4424



100.0870, 1.4361, 6.0627



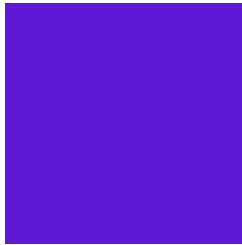
63.4410, 21.9676, 94.3292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 66.5900, 72.6731, 24.0386 looks on a white background.

Color Contrast Check

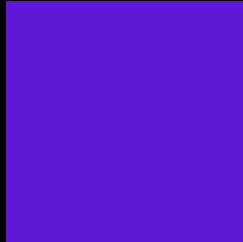
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.5900, 72.6731, 24.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

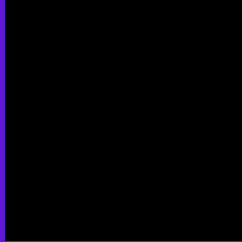
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5900, 72.6731, 24.0386

Background



This preview shows how black text looks on a background with the YUV color 66.5900, 72.6731, 24.0386.



This preview shows how white text looks on a background with the YUV color 66.5900, 72.6731,

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

66.5900, 72.6731, 24.0386

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.8660, 36.5481, -56.0105



Tritanopia

75.0340, 8.3642, -22.8318

Trichromacy



Original Color

66.5900, 72.6731, 24.0386

Protanomaly

64.8460, 57.2639, -27.0519

Deuteranomaly

64.8970, 49.8438, -27.0967

Tritanomaly

71.9200, 31.5914, -6.0688

Monochromacy



Original Color

66.5900, 72.6731, 24.0386

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6400, 26.3065, 9.0857

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5900, 72.6731, 24.0386 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(94, 24, 214)` looks like.

```
.text, #text, p{  
    color:rgb(94, 24, 214)  
}
```

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(94, 24, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 24, 214) }
```

Border

The CSS property to change the border of an element to YUV 66.5900, 72.6731, 24.0386 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(94, 24, 214) }
```


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

```
.border{ border-color:rgb(94, 24, 214) }
```

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

Here you see how a box with a 4 pixel rgb(94, 24, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 24, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 24, 214);  
box-shadow:4px 4px 4px 4px rgb(94, 24,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 66.5900, 72.6731, 24.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 24, 214) }
```

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

```
.background{ background-color: rgb(94, 24,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor