

Converting Colors

YUV(75.0900, 50.7346, 13.9531)

Have a look what the booklet for
YUV(75.0900, 50.7346, 13.9531)
contains.

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Color

**YUV(75.0900, 50.7346,
13.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2FB2
RGB	91, 47, 178
RGB Percent	36%, 18%, 70%
CMY	0.6431, 0.8157, 0.3020
CMYK	0.49, 0.74, 0.00, 0.30
HSL	260°, 58%, 44%
HSV	260°, 74%, 70%
XYZ	13.3668, 7.4715, 42.8571
YIQ	75.0900, -15.8270, 50.0690

Conversions

Conversions Part 2

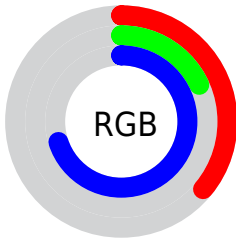
Format	Color
R_{YB}	91, 47, 178
Decimal	5975986
CIE _{Lab}	32.86, 49.42, -62.34
CIE _{LCh}	33, 79.552, 308.410
Yxy	7.4715, 0.2099, 0.1173
Android (android.graphics.Color)	4284166066 (0xFF5B2FB2)
YUV	75.0900, 50.7346, 13.9531
Hunter-Lab	27.3341, 39.4545, -73.8269

Details

The YUV color **75.0900, 50.7346, 13.9531** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **149.9100, -50.7346, -13.9531**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2800, 52.6130, 18.1714**, and **21.9100, 50.3304, 3.5869** is the 20% darker color. If you saturate the color by 10%, you get **60.9360, 57.7126, 15.8421**, and if you desaturate by 10%, it is **89.2440, 43.7567, 12.0640**.

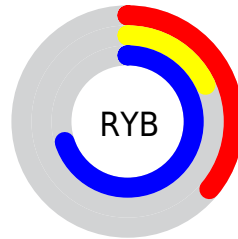
Distribution



Red (36%)

Green (18%)

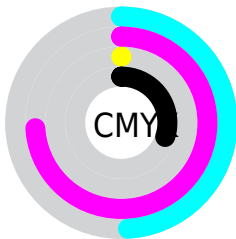
Blue (70%)



Red (36%)

Yellow (18%)

Blue (70%)

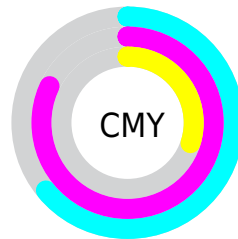


Cyan (49%)

Magenta (74%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (82%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0900, 50.7346, 13.9531 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 75.0900, 50.7346, 13.9531 by changing the saturation by 10% instead.

■ 75.0900, 50.7346,
13.9531

■ 75.0900, 50.7346,
13.9531

■ 255.0000, 0.0000,
0.0000

■ 47.7800, 50.8875,
11.5939

■ 128.2800, 52.6130,
18.1714

■ 21.9100, 50.3304,
3.5869

■ 154.1940, 49.6974,
20.0009

■ 11.1720, 42.8062,
-9.7978

■ 179.0130, 37.4616,
24.5446

■ 8.3220, 31.8863,
-7.2984

■ 203.5330, 25.3732,
28.4736

■ 8.0480, 20.6823,
-7.0581

■ 225.6500, 14.4696,
25.7400

■ 3.7790, 11.9410,
-3.3142

■ 242.6730, 6.0772,

■ 0.0000, 0.0000,

10.8108

0.0000

■ 75.0900, 50.7346,
13.9531

■ 75.0900, 50.7346,
13.9531

■ 60.9360, 57.7126,
15.8421

■ 89.2440, 43.7567,
12.0640

■ 46.7820, 64.6905,
17.7312

■ 103.3980, 36.7788,
10.1750

■ 38.2320, 68.9056,
19.0905

■ 116.6660, 30.2377,
8.1859

■ 130.8200, 23.2597,
6.2969

■ 144.9740, 16.2818,
4.4078

■ 159.1280, 9.3039,
2.5187

■ 173.2820, 2.3260,
0.6297

■ 186.8490, -4.3626,
-0.7446

■ 200.7040,
-11.1931, -3.2484

Harmonies

Analogous

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



71.5040, 65.8135, -62.7090



75.0900, 50.7346, 13.9531



62.0900, 31.0146, 85.8671

Triad

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



75.0900, 50.7346, 13.9531



71.4540, -35.2268, 52.2218



69.4160, 12.1199, -60.8778

Complementary

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



75.0900, 50.7346, 13.9531



149.9100, -50.7346, -13.9531

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.



60.3760, -17.4404, -52.9498



75.0900, 50.7346, 13.9531



71.4670, -35.2332, 7.4834

Square

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



75.0900, 50.7346, 13.9531



49.6340, -24.4696, 102.0530



54.5910, -26.9134, -47.8763



76.9570, 38.4752, -67.4913

Rectangle

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



75.0900, 50.7346, 13.9531



62.7980, 10.4526, 101.0322



54.5910, -26.9134, -47.8763



66.9080, 2.5104, -58.6783

Sweetspot

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



75.0900, 50.7346, 13.9531



191.8970, 19.7708, 5.3523



113.0030, 32.0435, -57.8846



93.4100, 11.6299, 3.1484



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



75.0900, 50.7346, 13.9531



71.5880, 79.0831, 21.4093



94.5250, 41.1532, 53.9136



81.9230, 3.4890, 0.9445



32.6910, 59.3123, 16.0570



5.6550, 10.0301, 2.9336

Inverse Universe

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



96.0870, 18.6911, 71.8377



104.3860, 28.8967, 111.9175



130.4750, -41.1532, -53.9136



83.3750, 1.2941, 4.9331



57.3750, 22.0001, 83.8631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 75.0900, 50.7346, 13.9531 looks on a white background.

Color Contrast Check

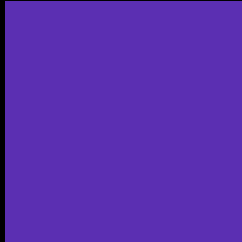
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.0900, 50.7346, 13.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

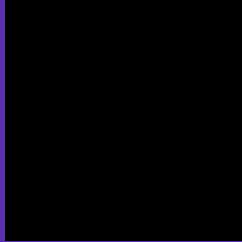
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0900, 50.7346, 13.9531

Background



This preview shows how black text looks on a background with the YUV color 75.0900, 50.7346, 13.9531.



This preview shows how white text looks on a background with the YUV color 75.0900, 50.7346,

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

75.0900, 50.7346, 13.9531

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.4640, 36.2532, -54.7809



Tritanopia

76.1990, 4.8319, -9.8215

Trichromacy



Original Color

75.0900, 50.7346, 13.9531

Protanomaly

66.8320, 48.3968, -29.6707

Deuteranomaly

66.9970, 41.4135, -29.8154

Tritanomaly

75.6080, 21.3923, -1.4102

Monochromacy



Original Color

75.0900, 50.7346, 13.9531

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1420, 18.1710, 5.1375

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0900, 50.7346, 13.9531 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(91, 47, 178)` looks like.

```
.text, #text, p{  
    color:rgb(91, 47, 178)  
}
```

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(91, 47, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 47, 178) }
```

Border

The CSS property to change the border of an element to YUV 75.0900, 50.7346, 13.9531 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(91, 47, 178) }
```


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

```
.border{ border-color:rgb(91, 47, 178) }
```

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

Here you see how a box with a 4 pixel rgb(91, 47, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 47, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 47, 178);  
box-shadow:4px 4px 4px 4px rgb(91, 47,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 75.0900, 50.7346, 13.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 47, 178) }
```

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

```
.background{ background-color: rgb(91, 47,  
178) }
```

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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