

Converting Colors

YUV(78.6220, 50.4724, 4.7165)

Have a look what the booklet for
YUV(78.6220, 50.4724, 4.7165)
contains.

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Color

**YUV(78.6220, 50.4724,
4.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	5438B5
RGB	84, 56, 181
RGB Percent	33%, 22%, 71%
CMY	0.6706, 0.7804, 0.2902
CMYK	0.54, 0.69, 0.00, 0.29
HSL	253°, 53%, 46%
HSV	253°, 69%, 71%
XYZ	13.4108, 8.0494, 44.5629
YIQ	78.6220, -23.4370, 44.8110

Conversions

Conversions Part 2

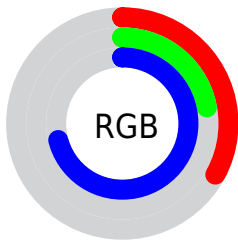
Format	Color
R_{YB}	84, 56, 181
Decimal	5519541
CIE _{Lab}	34.09, 44.42, -62.14
CIE _{LCh}	34, 76.379, 305.557
Yxy	8.0494, 0.2031, 0.1219
Android (android.graphics.Color)	4283709621 (0xFF5438B5)
YUV	78.6220, 50.4724, 4.7165
Hunter-Lab	28.3714, 34.7249, -73.2668

Details

The YUV color **78.6220, 50.4724, 4.7165** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **158.3780, -50.4724, -4.7165**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2250, 52.6401, 9.4497**, and **21.2780, 52.1209, -10.7678** is the 20% darker color. If you saturate the color by 10%, you get **63.8700, 57.7451, 5.3760**, and if you desaturate by 10%, it is **93.3740, 43.1996, 4.0570**.

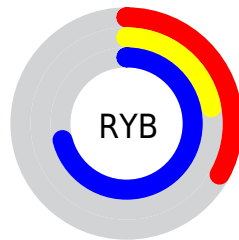
Distribution



Red (33%)

Green (22%)

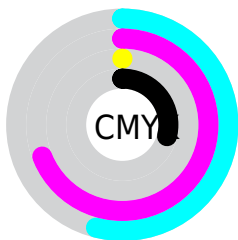
Blue (71%)



Red (33%)

Yellow (22%)

Blue (71%)

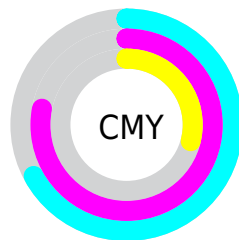


Cyan (54%)

Magenta (69%)

Yellow (0%)

Black (29%)



Cyan (67%)

Magenta (78%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.6220, 50.4724, 4.7165 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 78.6220, 50.4724, 4.7165 by changing the saturation by 10% instead.

■ 78.6220, 50.4724,
4.7165

■ 78.6220, 50.4724,
4.7165

■ 255.0000, 0.0000,
0.0000

■ 52.1870, 50.1938,
0.7130

■ 131.2250, 52.6401,
9.4497

■ 21.2780, 52.1209,
-10.7678

■ 157.0960, 48.2667,
12.1938

■ 11.5140, 44.1166,
-10.0978

■ 181.6160, 36.1783,
16.1228

■ 8.6640, 33.1966,
-7.5983

■ 206.4350, 23.9425,
20.6665

■ 8.2760, 21.5559,
-7.2581

■ 230.3460, 12.1544,
21.6216

■ 4.5940, 12.5252,
-4.0289

■ 246.7820, 4.0515,

■ 0.1140, 0.4368,

7.2072

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 78.6220, 50.4724,
4.7165

■ 78.6220, 50.4724,
4.7165

■ 63.8700, 57.7451,
5.3760

■ 93.3740, 43.1996,
4.0570

■ 49.1180, 65.0178,
6.0355

■ 108.1260, 35.9269,
3.3975

■ 34.3660, 72.2906,
6.6950

■ 122.8780, 28.6541,
2.7380

■ 32.8930, 73.0168,
7.1098

■ 137.6300, 21.3814,
2.0785

■ 152.9690, 13.8193,
0.9042

■ 167.7210, 6.5465,
0.2447

■ 182.4730, -0.7262,
-0.4148

■ 197.2250, -7.9989,
-1.0743

■ 211.9770,
-15.2717, -1.7338

Harmonies

Analogous

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



73.7380, 64.2192, -64.6682



78.6220, 50.4724, 4.7165



61.9910, 34.5144, 83.3229

Triad

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



78.6220, 50.4724, 4.7165



73.8350, -36.4007, 55.3957



70.7210, 9.5045, -62.0223

Complementary

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



78.6220, 50.4724, 4.7165



158.3780, -50.4724, -4.7165

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.



61.9090, -19.1821, -54.2942



78.6220, 50.4724, 4.7165



74.7450, -36.8493, 12.5016

Square

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



78.6220, 50.4724, 4.7165



52.0840, -20.2544, 103.4123



56.3630, -27.7870, -47.6764



77.5610, 35.7124, -68.0210

Rectangle

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



78.6220, 50.4724, 4.7165



63.1120, 14.2418, 99.0028



56.3630, -27.7870, -47.6764



67.7400, 0.6212, -59.4080

Sweetspot

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



78.6220, 50.4724, 4.7165



193.9890, 20.2184, 1.7636



127.7760, 26.2394, -62.9476



93.3990, 11.6353, 1.4041



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.



78.6220, 50.4724, 4.7165



75.0870, 78.8371, 6.9397



97.1600, 41.3331, 42.8327



81.6240, 3.6364, 0.3298



27.6080, 61.8183, 5.6058



4.7580, 10.4723, 1.0892

Inverse Universe

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



104.4330, 23.9435, 67.1493



115.5190, 37.2121, 104.7848



139.8400, -41.3331, -42.8327



83.4890, 1.7309, 4.8331



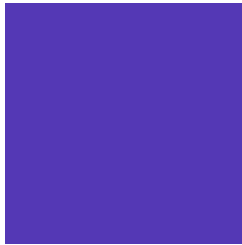
59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 78.6220, 50.4724, 4.7165 looks on a white background.

Color Contrast Check

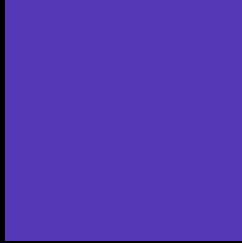
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.6220, 50.4724, 4.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

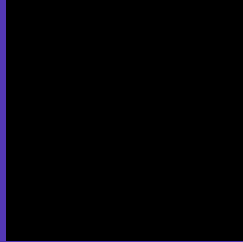
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6220, 50.4724, 4.7165

Background



This preview shows how black text looks on a background with the YUV color 78.6220, 50.4724, 4.7165.



This preview shows how white text looks on a background with the YUV color 78.6220, 50.4724,

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

78.6220, 50.4724, 4.7165

Protanopia

63.7810, 48.9150, -55.9359

Deuteranopia

64.2080, 37.8585, -56.3104



Tritanopia

76.5290, 7.6272, -19.7579

Trichromacy



Original Color

78.6220, 50.4724, 4.7165

Protanomaly

69.1520, 49.7181, -33.4593

Deuteranomaly

69.9040, 42.4453, -34.1188

Tritanomaly

77.0090, 23.1666, -10.5319

Monochromacy



Original Color

78.6220, 50.4724, 4.7165

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1200, 18.1818, 1.6488

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6220, 50.4724, 4.7165 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(84, 56, 181)` looks like.

```
.text, #text, p{  
    color:rgb(84, 56, 181)  
}
```

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(84, 56, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 56, 181) }
```

Border

The CSS property to change the border of an element to YUV 78.6220, 50.4724, 4.7165 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(84, 56, 181) }
```


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

```
.border{ border-color:rgb(84, 56, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 56, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 56, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 56, 181);  
box-shadow:4px 4px 4px 4px rgb(84, 56,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 78.6220, 50.4724, 4.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 56, 181) }
```

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

```
.background{ background-color: rgb(84, 56,  
181) }
```

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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