

Converting Colors

YUV(78.5660, 75.6430, 4.7656)

Have a look what the booklet for
YUV(78.5660, 75.6430, 4.7656)
contains.

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Color

**YUV(78.5660, 75.6430,
4.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	542EE8
RGB	84, 46, 232
RGB Percent	33%, 18%, 91%
CMY	0.6706, 0.8196, 0.0902
CMYK	0.64, 0.80, 0.00, 0.09
HSL	252°, 80%, 55%
HSV	252°, 80%, 91%
XYZ	19.1986, 9.6650, 77.1976
YIQ	78.5660, -37.0580, 65.9020

Conversions

Conversions Part 2

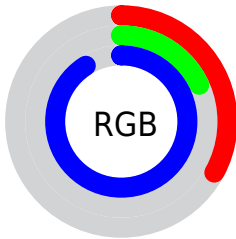
Format	Color
R _Y B	84, 46, 232
Decimal	5517032
CIE Lab	37.23, 63.91, -86.55
CIE LCh	37, 107.593, 306.441
Yxy	9.6650, 0.1810, 0.0911
Android (android.graphics.Color)	4283707112 (0xFF542EE8)
YUV	78.5660, 75.6430, 4.7656
Hunter-Lab	31.0886, 55.8270, -125.4639

Details

The YUV color **78.5660, 75.6430, 4.7656** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **199.4340, -75.6430, -4.7656**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0330, 60.6227, 15.7571**, and **19.9500, 76.4397, -17.4962** is the 20% darker color. If you saturate the color by 10%, you get **59.6830, 84.9523, 5.5400**, and if you desaturate by 10%, it is **97.4490, 66.3336, 3.9912**.

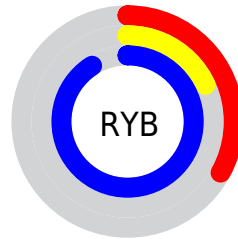
Distribution



Red (33%)

Green (18%)

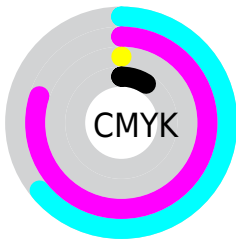
Blue (91%)



Red (33%)

Yellow (18%)

Blue (91%)

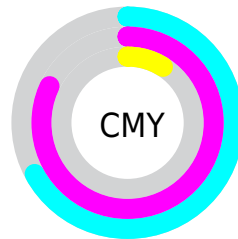


Cyan (64%)

Magenta (80%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (82%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5660, 75.6430, 4.7656 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 78.5660, 75.6430, 4.7656 by changing the saturation by 10% instead.

■ 78.5660, 75.6430,
4.7656

■ 78.5660, 75.6430,
4.7656

■ 255.0000, 0.0000,
0.0000

■ 45.0920, 77.8486,
-2.7117

■ 132.0330, 60.6227,
15.7571

■ 19.9500, 76.4397,
-17.4962

■ 156.8630, 48.3815,
22.0451

■ 16.7580, 64.2093,
-14.6968

■ 181.9810, 35.9984,
27.2037

■ 13.6800, 52.4158,
-11.9974

■ 207.6860, 23.3258,
31.8474

■ 15.4120, 38.7439,
-13.5163

■ 227.4110, 13.6014,
24.1956

■ 12.6760, 28.2607,
-11.1169

■ 244.4340, 5.2090,

■ 7.5920, 18.9351,

9.2664

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 78.5660, 75.6430,
4.7656

■ 78.5660, 75.6430,
4.7656

■ 59.6830, 84.9523,
5.5400

■ 97.4490, 66.3336,
3.9912

■ 40.5010, 94.4090,
5.6996

■ 116.6310, 56.8769,
3.8316

■ 136.1010, 47.2782,
2.5424

■ 155.2830, 37.8215,
2.3828

■ 174.1660, 28.5122,
1.6084

■ 193.3480, 19.0554,
1.4488

■ 212.2310, 9.7461,
0.6744

■ 232.0000, 0.0000,
0.0000

■ 250.8830, -9.3093,
-0.7744

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



78.5660, 75.6430, 4.7656



77.0290, 40.4117, 105.2146

Triad

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



78.5660, 75.6430, 4.7656



77.1900, -38.0547, 72.6244



80.0620, 12.2944, -70.2144

Complementary

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



78.5660, 75.6430, 4.7656



199.4340, -75.6430, -4.7656

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.



66.3310, -32.7012, -58.1723



78.5660, 75.6430, 4.7656



80.6260, -39.7486, 9.0980

Square

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



78.5660, 75.6430, 4.7656



62.1920, -30.6607, 127.8736



62.8090, -30.9648, -55.0835



91.1540, 49.7171, -79.9421

Rectangle

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



78.5660, 75.6430, 4.7656



78.0060, 11.8290, 126.2827



62.8090, -30.9648, -55.0835



76.0550, -0.5201, -66.7002

Sweetspot

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



78.5660, 75.6430, 4.7656



204.5420, 24.8758, 1.2787



154.6670, 38.1252, -95.3010



97.3110, 15.1297, 0.6043



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.



78.5660, 75.6430, 4.7656



52.8800, 99.6452, 6.2442



106.0740, 62.0815, 61.3251



105.2650, 4.7994, 0.6446



31.1700, 72.8802, 4.2359



8.8040, 20.8026, 1.0489

Inverse Universe

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



118.4860, 37.2284, 99.5518



105.4850, 49.0609, 131.1247



171.9260, -62.0815, -61.3251



107.6140, 2.1623, 6.4775



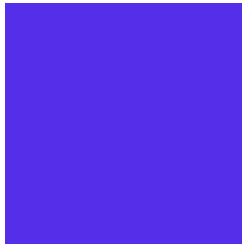
69.7090, 35.6395, 95.8482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 78.5660, 75.6430, 4.7656 looks on a white background.

Color Contrast Check

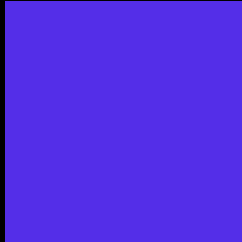
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.5660, 75.6430, 4.7656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

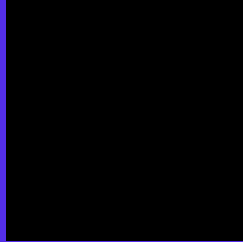
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5660, 75.6430, 4.7656

Background



This preview shows how black text looks on a background with the YUV color 78.5660, 75.6430, 4.7656.



This preview shows how white text looks on a background with the YUV color 78.5660, 75.6430,

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

78.5660, 75.6430, 4.7656

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

70.0440, 39.9113, -61.4286



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

78.5660, 75.6430, 4.7656

Protanomaly

72.8170, 61.2222, -36.6735

Deuteranomaly

73.2270, 52.6391, -37.0331

Tritanomaly

72.2690, 38.8144, -36.1929

Monochromacy



Original Color

78.5660, 75.6430, 4.7656

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9380, 27.6386, 1.8084

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5660, 75.6430, 4.7656 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, 46, 232)` looks like.

```
.text, #text, p{  
    color:rgb(84, 46, 232)  
}
```

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, 46, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 46, 232) }
```

Border

The CSS property to change the border of an element to YUV 78.5660, 75.6430, 4.7656 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, 46, 232) }
```


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

```
.border{ border-color:rgb(84, 46, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 46, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 46, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 46, 232);  
box-shadow:4px 4px 4px 4px rgb(84, 46,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 78.5660, 75.6430, 4.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 46, 232) }
```

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

```
.background{ background-color: rgb(84, 46,  
232) }
```

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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