

Converting Colors

YUV(76.6300, 65.2584, 22.2495)

Have a look what the booklet for
YUV(76.6300, 65.2584, 22.2495)
contains.

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Color

**YUV(76.6300, 65.2584,
22.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	6626D1
RGB	102, 38, 209
RGB Percent	40%, 15%, 82%
CMY	0.6000, 0.8510, 0.1804
CMYK	0.51, 0.82, 0.00, 0.18
HSL	262°, 69%, 48%
HSV	262°, 82%, 82%
XYZ	17.6812, 8.8145, 61.0911
YIQ	76.6300, -16.7470, 66.7490

Conversions

Conversions Part 2

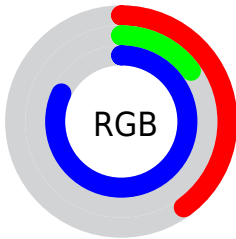
Format	Color
R_{YB}	102, 38, 209
Decimal	6694609
CIE Lab	35.62, 62.91, -75.95
CIE LCh	36, 98.618, 309.634
Yxy	8.8145, 0.2019, 0.1006
Android (android.graphics.Color)	4284884689 (0xFF6626D1)
YUV	76.6300, 65.2584, 22.2495
Hunter-Lab	29.6892, 54.3488, -101.2180

Details

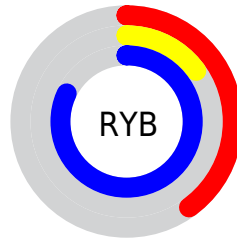
The YUV color **76.6300, 65.2584, 22.2495** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **170.3700, -65.2584, -22.2495**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8110, 60.7322, 27.3528**, and **26.4120, 62.4079, 3.1467** is the 20% darker color. If you saturate the color by 10%, you get **60.4160, 73.2519, 25.0682**, and if you desaturate by 10%, it is **92.8440, 57.2649, 19.4308**.

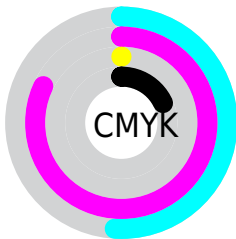
Distribution



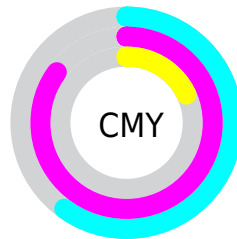
- Red (40%)
- Green (15%)
- Blue (82%)



- Red (40%)
- Yellow (15%)
- Blue (82%)



- Cyan (51%)
- Magenta (82%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (85%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6300, 65.2584, 22.2495 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 76.6300, 65.2584, 22.2495 by changing the saturation by 10% instead.

76.6300, 65.2584,
22.2495

76.6300, 65.2584,
22.2495

255.0000, 0.0000,
0.0000

41.5640, 68.7419,
24.9384

131.8110, 60.7322,
27.3528

26.4120, 62.4079,
3.1467

156.6300, 48.4964,
31.8965

14.3640, 55.0365,
-12.5972

182.0360, 35.9713,
35.9254

11.4000, 43.6798,
-9.9978

207.1540, 23.5881,
41.0839

13.2460, 30.4447,
-11.6167

224.4760, 15.0483,
26.7695

8.1620, 21.1191,
-7.1581

240.9120, 6.9454,

4.4800, 12.0884,

12.3552

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 76.6300, 65.2584,
22.2495

■ 76.6300, 65.2584,
22.2495

■ 60.4160, 73.2519,
25.0682

■ 92.8440, 57.2649,
19.4308

■ 47.1480, 79.7930,
27.0572

■ 109.0580, 49.2714,
16.6121

■ 125.2720, 41.2779,
13.7935

■ 141.4860, 33.2844,
10.9748

■ 157.7000, 25.2909,
8.1561

■ 173.3270, 17.5868,
5.8522

■ 189.8400, 9.4459,
3.6483

■ 206.0540, 1.4524,
0.8296

■ 222.2680, -6.5411,
-1.9890

Harmonies

Analogous

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



80.7600, 80.9703, -70.8265



76.6300, 65.2584, 22.2495



72.5850, 33.7286, 102.0960

Triad

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



76.6300, 65.2584, 22.2495



76.8140, -37.8693, 59.7991



77.5830, 15.4886, -68.0403

Complementary

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



76.6300, 65.2584, 22.2495



170.3700, -65.2584, -22.2495

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.



65.5620, -22.9551, -57.4979



76.6300, 65.2584, 22.2495



76.1630, -37.5484, 3.3650

Square

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



76.6300, 65.2584, 22.2495



57.1090, -28.1547, 117.4224



60.4610, -29.8073, -53.0243



86.8340, 48.3958, -76.1534

Rectangle

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



76.6300, 65.2584, 22.2495



72.3380, 8.2144, 118.9756



60.4610, -29.8073, -53.0243



73.8040, 3.5476, -64.7261

Sweetspot

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



76.6300, 65.2584, 22.2495



205.4720, 24.4173, 8.3561



120.8900, 43.4382, -72.6945



97.9310, 14.8240, 5.3225



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.



76.6300, 65.2584, 22.2495



61.6060, 95.3432, 32.7945



101.7460, 52.8762, 73.8908



96.4500, 4.2152, 1.3594



37.9890, 64.0954, 21.9346



9.1590, 15.6976, 5.1226

Inverse Universe

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



101.3270, 21.5308, 94.4292



97.5340, 31.2887, 138.0977



145.2540, -52.8762, -73.8908



98.0870, 1.4361, 6.0627



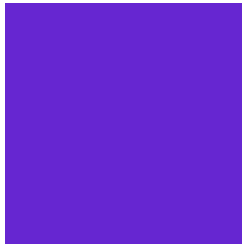
62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 76.6300, 65.2584, 22.2495 looks on a white background.

Color Contrast Check

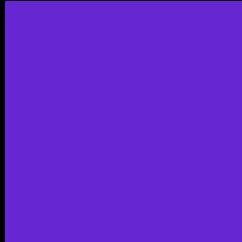
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6300, 65.2584, 22.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

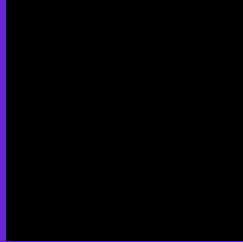
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6300, 65.2584, 22.2495

Background



This preview shows how black text looks on a background with the YUV color 76.6300, 65.2584, 22.2495.



This preview shows how white text looks on a background with the YUV color 76.6300, 65.2584,

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

76.6300, 65.2584, 22.2495

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.1260, 38.8849, -58.8695



Tritanopia

82.1170, 5.8583, -12.3806

Trichromacy



Original Color

76.6300, 65.2584, 22.2495

Protanomaly

70.3080, 56.5432, -29.2111

Deuteranomaly

70.8320, 48.3968, -29.6707

Tritanomaly

79.9270, 27.6440, 0.0640

Monochromacy



Original Color

76.6300, 65.2584, 22.2495

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9450, 23.6911, 7.9412

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6300, 65.2584, 22.2495 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(102, 38, 209)` looks like.

```
.text, #text, p{  
    color:rgb(102, 38, 209)  
}
```

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(102, 38, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 38, 209) }
```

Border

The CSS property to change the border of an element to YUV 76.6300, 65.2584, 22.2495 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(102, 38, 209) }
```


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

```
.border{ border-color:rgb(102, 38, 209) }
```

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

Here you see how a box with a 4 pixel rgb(102, 38, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 38, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 38, 209);  
box-shadow:4px 4px 4px 4px rgb(102, 38,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 76.6300, 65.2584, 22.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 38, 209) }
```

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

```
.background{ background-color: rgb(102, 38,  
209) }
```

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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