

Converting Colors

YUV(102.5090, 65.3181, 3.0616)

Have a look what the booklet for
YUV(102.5090, 65.3181, 3.0616)
contains.

YUV(102.5090, 65.3181, 3.0616)	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(102.5090, 65.3181,
3.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4BEB
RGB	106, 75, 235
RGB Percent	42%, 29%, 92%
CMY	0.5843, 0.7059, 0.0784
CMYK	0.55, 0.68, 0.00, 0.08
HSL	252°, 80%, 61%
HSV	252°, 68%, 92%
XYZ	23.4553, 14.0945, 80.0815
YIQ	102.5090, -32.8840, 56.3320

Conversions

Conversions Part 2

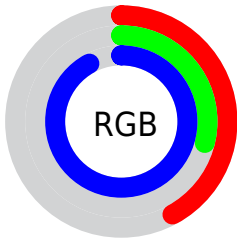
Format	Color
R_{YB}	106, 75, 235
Decimal	6966251
CIE _{Lab}	44.37, 53.41, -76.45
CIE _{LCh}	44, 93.260, 304.941
Yxy	14.0945, 0.1994, 0.1198
Android (android.graphics.Color)	4285156331 (0xFF6A4BEB)
YUV	102.5090, 65.3181, 3.0616
Hunter-Lab	37.5426, 45.8210, -100.1907

Details

The YUV color **102.5090, 65.3181, 3.0616** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **207.4910, -65.3181, -3.0616**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2640, 50.1558, 12.9235**, and **44.2360, 65.9457, -11.6080** is the 20% darker color. If you saturate the color by 10%, you get **83.3270, 74.7748, 3.2212**, and if you desaturate by 10%, it is **121.6910, 55.8613, 2.9020**.

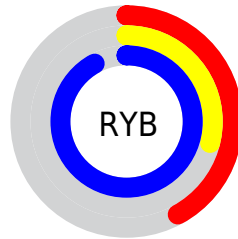
Distribution



Red (42%)

Green (29%)

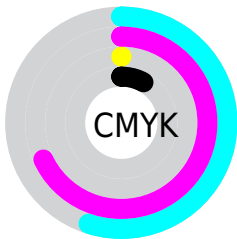
Blue (92%)



Red (42%)

Yellow (29%)

Blue (92%)

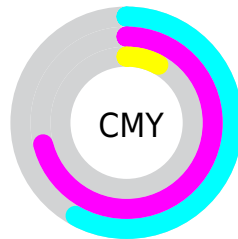


Cyan (55%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5090, 65.3181, 3.0616 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 102.5090, 65.3181, 3.0616 by changing the saturation by 10% instead.

■ 102.5090, 65.3181,
3.0616

■ 102.5090, 65.3181,
3.0616

■ 255.0000, 0.0000,
0.0000

■ 74.6610, 64.7501,
-1.4567

■ 153.2640, 50.1558,
12.9235

■ 44.2360, 65.9457,
-11.6080

■ 178.0830, 37.9201,
17.4672

■ 17.1000, 65.5197,
-14.9967

■ 202.9020, 25.6843,
22.0109

■ 14.1360, 54.1630,
-12.3973

■ 227.4110, 13.6014,
24.1956

■ 11.1720, 42.8062,
-9.7978

■ 244.4340, 5.2090,
9.2664

■ 13.6050, 29.2817,
-11.9316

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 102.5090, 65.3181,
3.0616

■ 102.5090, 65.3181,
3.0616

■ 83.3270, 74.7748,
3.2212

■ 121.6910, 55.8613,
2.9020

■ 63.5580, 84.5209,
3.8956

■ 141.4600, 46.1152,
2.2276

■ 43.7890, 94.2670,
4.5700

■ 161.2290, 36.3691,
1.5532

■ 40.5440, 95.8668,
4.7849

■ 180.4110, 26.9124,
1.3936

■ 200.1800, 17.1663,
0.7191

■ 219.3620, 7.7095,
0.5595

■ 239.1310, -2.0366,
-0.1149

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



95.4010, 78.6823, -83.6667



102.5090, 65.3181, 3.0616



80.0060, 45.3530, 106.9887

Triad

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



102.5090, 65.3181, 3.0616



96.0730, -47.3640, 71.8500



91.8820, 11.8902, -80.5805

Complementary

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



102.5090, 65.3181, 3.0616



207.4910, -65.3181, -3.0616

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.



80.2030, -25.2431, -70.3380



102.5090, 65.3181, 3.0616



97.7920, -48.2115, 16.8454

Square

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



102.5090, 65.3181, 3.0616



67.8320, -24.5672, 133.4513



73.3970, -36.1847, -60.8612



101.2470, 45.2342, -88.7936

Rectangle

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



102.5090, 65.3181, 3.0616



82.0800, 19.6806, 127.9718



73.3970, -36.1847, -60.8612



88.2170, 0.3860, -77.3663

Sweetspot

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



102.5090, 65.3181, 3.0616



212.8040, 20.8026, 1.0489



170.1370, 31.9775, -83.4351



102.3280, 12.6563, 0.5893



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.



102.5090, 65.3181, 3.0616



81.7860, 85.3945, 3.6957



125.8310, 53.8203, 51.0142



107.8520, 4.5100, 0.1298



31.0990, 73.9012, 3.4212



9.1460, 22.1130, 0.7490

Inverse Universe

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



137.5460, 32.7618, 85.4672



127.6430, 42.5740, 111.6921



184.1690, -53.8203, -51.0142



110.3150, 2.3097, 5.8627



70.7630, 37.0918, 96.6778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 102.5090, 65.3181, 3.0616 looks on a white background.

Color Contrast Check

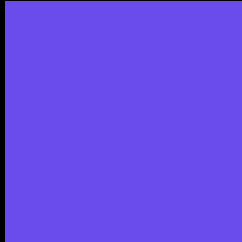
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 102.5090, 65.3181, 3.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

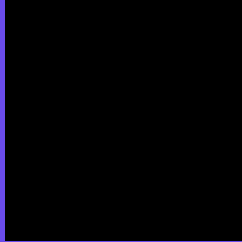
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5090, 65.3181, 3.0616

Background



This preview shows how black text looks on a background with the YUV color 102.5090, 65.3181, 3.0616.



This preview shows how white text looks on a background with the YUV color 102.5090, 65.3181, 3.0616.

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

102.5090, 65.3181, 3.0616

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

83.6710, 48.9692, -73.3795



Tritanopia

99.2720, 10.7119, -29.1795

Trichromacy



Original Color

102.5090, 65.3181, 3.0616



Protanomaly

90.8590, 64.1595, -45.4803



Deuteranomaly

90.4540, 54.9922, -45.1252



Tritanomaly

100.8000, 30.1716, -17.3646

Monochromacy



Original Color

102.5090, 65.3181, 3.0616



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.9010, 23.7128, 0.9638

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5090, 65.3181, 3.0616 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(106, 75, 235)` looks like.

```
.text, #text, p{  
    color:rgb(106, 75, 235)  
}
```

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(106, 75, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 75, 235) }
```

Border

The CSS property to change the border of an element to YUV 102.5090, 65.3181, 3.0616 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(106, 75, 235) }
```


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

```
.border{ border-color:rgb(106, 75, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 75, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 75, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 75, 235);  
box-shadow:4px 4px 4px 4px rgb(106, 75,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 102.5090, 65.3181, 3.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 75, 235) }
```

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

```
.background{ background-color: rgb(106, 75,  
235) }
```

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