

Converting Colors

YUV(65.1500, 9.2930, 6.0074)

Have a look what the booklet for
YUV(65.1500, 9.2930, 6.0074)
contains.

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Color

**YUV(65.1500, 9.2930,
6.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	483A54
RGB	72, 58, 84
RGB Percent	28%, 23%, 33%
CMY	0.7176, 0.7725, 0.6706
CMYK	0.14, 0.31, 0.00, 0.67
HSL	272°, 18%, 28%
HSV	272°, 31%, 33%
XYZ	5.7858, 5.0439, 9.0561
YIQ	65.1500, -0.0020, 11.0540

Conversions

Conversions Part 2

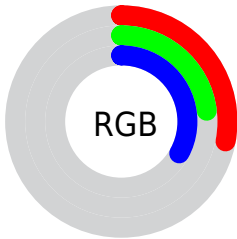
Format	Color
R_{YB}	72, 58, 84
Decimal	4733524
CIE _{Lab}	26.86, 11.95, -13.41
CIE _{LCh}	27, 17.958, 311.710
Yxy	5.0439, 0.2909, 0.2536
Android (android.graphics.Color)	4282923604 (0xFF483A54)
YUV	65.1500, 9.2930, 6.0074
Hunter-Lab	22.4587, 6.6823, -8.1868

Details

The YUV color **65.1500, 9.2930, 6.0074** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.8500, -9.2930, -6.0074**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0900, 10.3086, 6.9371**, and **22.2100, 8.2775, 5.0778** is the 20% darker color. If you saturate the color by 10%, you get **59.2580, 12.1978, 7.6667**, and if you desaturate by 10%, it is **71.0420, 6.3883, 4.3482**.

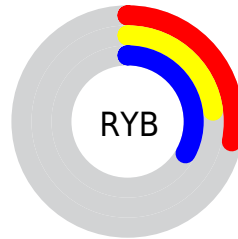
Distribution



Red (28%)

Green (23%)

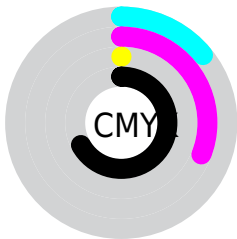
Blue (33%)



Red (28%)

Yellow (23%)

Blue (33%)

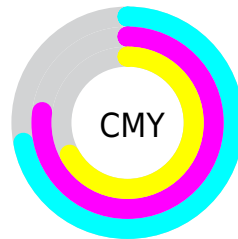


Cyan (14%)

Magenta (31%)

Yellow (0%)

Black (67%)



Cyan (72%)

Magenta (77%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1500, 9.2930, 6.0074 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 65.1500, 9.2930, 6.0074 by changing the saturation by 10% instead.

■ 65.1500, 9.2930,
6.0074

■ 65.1500, 9.2930,
6.0074

■ 255.0000, 0.0000,
0.0000

■ 42.7370, 9.0037,
5.4927

■ 113.0900, 10.3086,
6.9371

■ 22.2100, 8.2775,
5.0778

■ 138.5030, 10.5980,
7.4519

■ 2.6390, 7.5730,
-2.3144

■ 164.6170, 11.0348,
7.3519

■ 0.0000, 0.0000,
0.0000

■ 192.0300, 11.3242,
7.8667

■ 220.0300, 11.3242,
7.8667

■ 245.6080, 4.6303,

8.2368

■ 65.1500, 9.2930,
6.0074

■ 65.1500, 9.2930,
6.0074

■ 59.2580, 12.1978,
7.6667

■ 71.0420, 6.3883,
4.3482

■ 52.7790, 15.3920,
9.8408

■ 77.5210, 3.1941,
2.1741

■ 46.8870, 18.2967,
11.5001

■ 83.4130, 0.2894,
0.5148

■ 40.4080, 21.4909,
13.6742

■ 89.8920, -2.9048,
-1.6593

■ 34.8150, 24.2482,
15.9482

■ 95.4850, -5.6621,
-3.9333

■ 28.9230, 27.1530,
17.6075

■ 101.3770, -8.5669,
-5.5926

■ 23.0310, 30.0577,
19.2668

■ 107.8560,
-11.7610, -7.7667

■ 113.7480,
-14.6658, -9.4260

■ 120.2270,
-17.8599, -11.6001

Harmonies

Analogous

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



63.0880, 13.2676, -8.8472



65.1500, 9.2930, 6.0074



65.3210, 3.2927, 17.2585

Triad

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



65.1500, 9.2930, 6.0074



63.4720, -12.5577, 14.4951



54.9250, 6.9390, -32.3832

Complementary

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



65.1500, 9.2930, 6.0074



76.8500, -9.2930, -6.0074

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.



57.7110, -1.8295, -19.9175



65.1500, 9.2930, 6.0074



61.7050, -12.6726, 4.6437

Square

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



65.1500, 9.2930, 6.0074



63.8410, -8.7956, 21.1874



60.3660, -8.5614, -7.3370



53.6130, 13.5018, -37.3716

Rectangle

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



65.1500, 9.2930, 6.0074



64.9040, -0.9387, 21.1322



60.3660, -8.5614, -7.3370



55.8500, 4.0179, -28.8095

Sweetspot

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



65.1500, 9.2930, 6.0074



102.6350, 3.6309, 2.0741



68.0080, 7.8841, -8.7770



51.5810, 2.1786, 1.2445



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



65.1500, 9.2930, 6.0074



80.2520, 14.6658, 9.4260



68.6240, 7.0874, 13.4848



38.0540, 1.4524, 0.8296



28.7140, 37.6090, 23.9298



63.8230, 82.9113, 53.6522

Inverse Universe

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



67.1420, 1.4090, 14.7845



83.4250, 2.2555, 23.3063



73.3760, -7.0874, -13.4848



38.4240, 0.2840, 2.2592



36.8670, 5.4886, 59.7526



81.5660, 12.5390, 131.9306

Previews

White Background



This preview shows how the YUV color 65.1500, 9.2930, 6.0074 looks on a white background.

Color Contrast Check

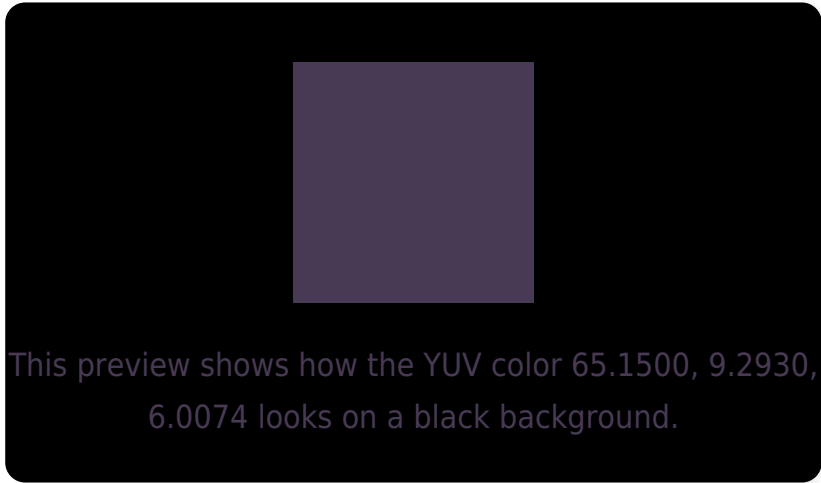
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

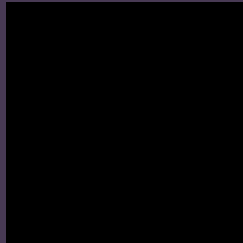
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.1500, 9.2930, 6.0074

Background



This preview shows how black text looks on a background with the YUV color 65.1500, 9.2930, 6.0074.



This preview shows how white text looks on a background with the YUV color 65.1500, 9.2930,

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

65.1500, 9.2930, 6.0074

Protanopia

63.7570, 11.9518, -6.8029

Deuteranopia

64.0840, 9.3256, -4.4587



Tritanopia

63.9620, 1.0047, 4.4183

Trichromacy



Original Color

65.1500, 9.2930, 6.0074

Protanomaly

64.2630, 11.2093, -1.9847

Deuteranomaly

64.4050, 9.1673, -0.3552

Tritanomaly

64.4720, 4.2043, 4.8481

Monochromacy



Original Color

65.1500, 9.2930, 6.0074

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1500, 9.2930, 6.0074 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(72, 58, 84)` looks like.

```
.text, #text, p{  
    color:rgb(72, 58, 84)  
}
```

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(72, 58, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 58, 84) }
```

Border

The CSS property to change the border of an element to YUV 65.1500, 9.2930, 6.0074 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(72, 58, 84) }
```


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

```
.border{ border-color:rgb(72, 58, 84) }
```

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

Here you see how a box with a 4 pixel rgb(72, 58, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 58, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 58, 84);  
box-shadow:4px 4px 4px 4px rgb(72, 58, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.1500, 9.2930, 6.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 58, 84) }
```

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

```
.background{ background-color: rgb(72, 58,  
84) }
```

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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