

Converting Colors

YUV(65.3830, 12.6292, 9.3111)

Have a look what the booklet for
YUV(65.3830, 12.6292, 9.3111)
contains.

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Color

**YUV(65.3830, 12.6292,
9.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	4C375B
RGB	76, 55, 91
RGB Percent	30%, 22%, 36%
CMY	0.7020, 0.7843, 0.6431
CMYK	0.16, 0.40, 0.00, 0.64
HSL	275°, 25%, 29%
HSV	275°, 40%, 36%
XYZ	6.2350, 5.0242, 10.5387
YIQ	65.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

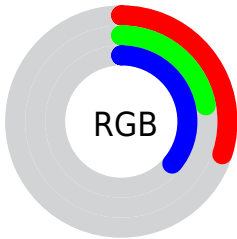
Format	Color
R_{YB}	76, 55, 91
Decimal	4994907
CIE Lab	26.80, 17.15, -18.03
CIE LCh	27, 24.885, 313.577
Yxy	5.0242, 0.2860, 0.2305
Android (android.graphics.Color)	4283184987 (0xFF4C375B)
YUV	65.3830, 12.6292, 9.3111
Hunter-Lab	22.4147, 10.4267, -12.1859




Details

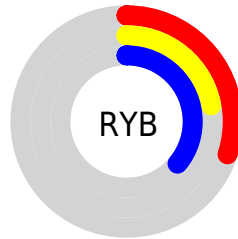
The YUV color **65.3830, 12.6292, 9.3111** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.6170, -12.6292, -9.3111**, and the grayscale version is **65.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.6220, 13.4974, 10.8555**, and **22.0300, 11.3242, 7.8667** is the 20% darker color. If you saturate the color by 10%, you get **58.9040, 15.8233, 11.4852**, and if you desaturate by 10%, it is **71.8620, 9.4350, 7.1370**.

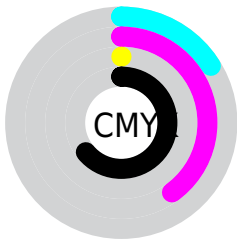
Distribution







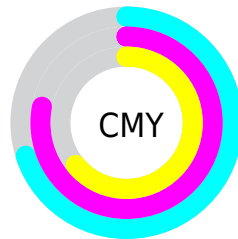
-  Red (30%)
-  Green (22%)
-  Blue (36%)






-  Red (30%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (16%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3830, 12.6292, 9.3111 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 65.3830, 12.6292, 9.3111 by changing the saturation by 10% instead.

■ 65.3830, 12.6292,
9.3111

■ 65.3830, 12.6292,
9.3111

■ 255.0000, 0.0000,
0.0000

■ 42.8560, 11.9030,
8.8963

■ 113.6220, 13.4974,
10.8555

■ 22.0300, 11.3242,
7.8667

■ 139.1490, 14.2235,
11.2703

■ 2.7360, 10.4832,
-2.3995

■ 165.5620, 14.5129,
11.7851

■ 0.0000, 0.0000,
0.0000

■ 192.6760, 14.9497,
11.6851

■ 221.0890, 15.2391,
12.1999

■ 243.8470, 5.4984,

9.7812

■ 65.3830, 12.6292,
9.3111

■ 65.3830, 12.6292,
9.3111

■ 58.9040, 15.8233,
11.4852

■ 71.8620, 9.4350,
7.1370

■ 52.4250, 19.0175,
13.6593

■ 78.3410, 6.2409,
4.9629

■ 46.2450, 22.0642,
16.4481

■ 84.5210, 3.1941,
2.1741

■ 39.7660, 25.2584,
18.6222

■ 91.0000, 0.0000,
0.0000

■ 32.7000, 28.7419,
21.3111

■ 98.0660, -3.4835,
-2.6889

■ 26.2210, 31.9360,
23.4852

■ 104.5450, -6.6777,
-4.8630

■ 111.0240, -9.8718,
-7.0370

■ 117.2040,
-12.9186, -9.8259

■ 123.6830,
-16.1127, -12.0000

Harmonies

Analogous

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



61.8470, 18.8094, -13.0208



65.3830, 12.6292, 9.3111



65.1200, 4.8708, 24.4508

Triad

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



65.3830, 12.6292, 9.3111



62.4140, -17.9521, 18.0539



51.0590, 10.3239, -44.7787

Complementary

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



65.3830, 12.6292, 9.3111



80.6170, -12.6292, -9.3111

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.



52.6770, -0.3338, -33.0427



65.3830, 12.6292, 9.3111



60.7390, -17.6193, 4.6139

Square

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



65.3830, 12.6292, 9.3111



63.2610, -12.4537, 27.8351



58.5350, -11.6028, -11.8702



52.4100, 18.0389, -45.9636

Rectangle

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



65.3830, 12.6292, 9.3111



63.9590, -0.9658, 29.8540



58.5350, -11.6028, -11.8702



50.2610, 7.2663, -44.0789

Sweetspot

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



65.3830, 12.6292, 9.3111



106.9880, 4.9359, 3.5185



67.9090, 11.3839, -11.3212



52.5210, 3.1941, 2.1741



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.3830, 12.6292, 9.3111



77.8380, 19.3069, 14.1741



69.5260, 9.1077, 18.8327



42.4670, 1.7418, 1.3444



31.6760, 38.6137, 28.3481



68.2800, 83.1790, 61.1444

Inverse Universe

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



67.4740, 1.2453, 20.6323



81.0670, 1.9390, 31.5132



76.4740, -9.1077, -18.8327



42.7230, 0.1366, 2.8739



38.1340, 3.8779, 63.0265



82.1490, 8.3075, 135.8043

Previews

White Background



This preview shows how the YUV color 65.3830, 12.6292, 9.3111 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 65.3830, 12.6292, 9.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

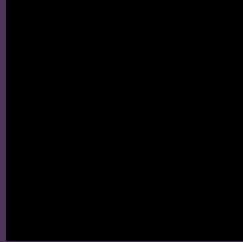
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3830, 12.6292, 9.3111

Background



This preview shows how black text looks on a background with the YUV color 65.3830, 12.6292, 9.3111.



This preview shows how white text looks on a background with the YUV color 65.3830, 12.6292,

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

65.3830, 12.6292, 9.3111

Protanopia

62.7010, 16.9094, -10.2618

Deuteranopia

63.2730, 12.6834, -8.1324



Tritanopia

64.1580, 0.4151, 6.8774

Trichromacy



Original Color

65.3830, 12.6292, 9.3111

Protanomaly

63.4030, 15.5773, -2.9844

Deuteranomaly

64.0180, 12.8091, -1.7698

Tritanomaly

64.3090, 4.7777, 7.6220

Monochromacy



Original Color

65.3830, 12.6292, 9.3111

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3830, 12.6292, 9.3111 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(76, 55, 91)` looks like.

```
.text, #text, p{  
    color:rgb(76, 55, 91)  
}
```

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(76, 55, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 55, 91) }
```

Border

The CSS property to change the border of an element to YUV 65.3830, 12.6292, 9.3111 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(76, 55, 91) }
```


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

```
.border{ border-color:rgb(76, 55, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 55, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 55, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 55, 91);  
box-shadow:4px 4px 4px 4px rgb(76, 55, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.3830, 12.6292, 9.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 55, 91) }
```

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

```
.background{ background-color: rgb(76, 55,  
91) }
```

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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