

Converting Colors

YUV(65.5280, 16.0087, -1.3401)

Have a look what the booklet for
YUV(65.5280, 16.0087, -1.3401)
contains.

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Color

**YUV(65.5280, 16.0087,
-1.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	403C62
RGB	64, 60, 98
RGB Percent	25%, 24%, 38%
CMY	0.7490, 0.7647, 0.6157
CMYK	0.35, 0.39, 0.00, 0.62
HSL	246°, 24%, 31%
HSV	246°, 39%, 38%
XYZ	5.9348, 5.2035, 12.2469
YIQ	65.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

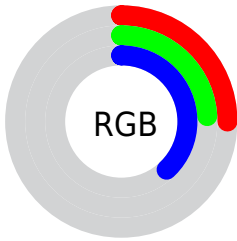
Format	Color
RYB	64, 60, 98
Decimal	4209762
CIELab	27.31, 11.69, -21.88
CIELCh	27, 24.805, 298.129
Yxy	5.2035, 0.2538, 0.2225
Android (android.graphics.Color)	4282399842 (0xFF403C62)
YUV	65.5280, 16.0087, -1.3401
Hunter-Lab	22.8113, 6.5206, -15.8635

Details

The YUV color **65.5280, 16.0087, -1.3401** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.4720, -16.0087, 1.3401**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5820, 17.4611, -0.5104**, and **21.7620, 14.4143, -3.2993** is the 20% darker color. If you saturate the color by 10%, you get **56.9670, 20.2293, -1.7251**, and if you desaturate by 10%, it is **74.0890, 11.7881, -0.9551**.

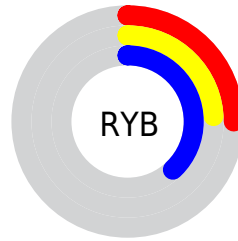
Distribution



 Red (25%)

 Green (24%)

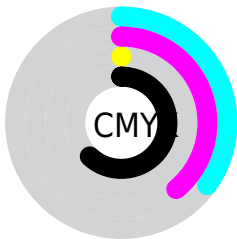
 Blue (38%)



 Red (25%)

 Yellow (24%)

 Blue (38%)

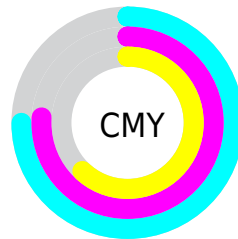


 Cyan (35%)

 Magenta (39%)

 Yellow (0%)

 Black (62%)



 Cyan (75%)

 Magenta (76%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5280, 16.0087, -1.3401 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 65.5280, 16.0087, -1.3401 by changing the saturation by 10% instead.

■ 65.5280, 16.0087,
-1.3401

■ 65.5280, 16.0087,
-1.3401

■ 255.0000, 0.0000,
0.0000

■ 43.0010, 15.2825,
-1.7549

■ 113.5820, 17.4611,
-0.5104

■ 21.7620, 14.4143,
-3.2993

■ 139.1090, 18.1873,
-0.0956

■ 4.5940, 12.5252,
-4.0289

■ 166.1090, 18.1873,
-0.0956

■ 0.0000, 0.0000,
0.0000

■ 193.2230, 18.6241,
-0.1956

■ 220.1800, 17.1663,
0.7191

■ 245.8740, 4.4991,

3.6185

■ 65.5280, 16.0087,
-1.3401

■ 65.5280, 16.0087,
-1.3401

■ 56.9670, 20.2293,
-1.7251

■ 74.0890, 11.7881,
-0.9551

■ 48.4060, 24.4498,
-2.1101

■ 82.6500, 7.5676,
-0.5700

■ 40.7310, 28.2336,
-2.3951

■ 90.3250, 3.7838,
-0.2850

■ 32.1700, 32.4542,
-2.7801

■ 98.8860, -0.4368,
0.1000

■ 23.6090, 36.6748,
-3.1651

■ 107.4470, -4.6574,
0.4850

■ 15.0480, 40.8953,
-3.5501

■ 116.0080, -8.8779,
0.8700

■ 14.1620, 41.3321,
-3.6501

■ 124.2700,
-12.9511, 0.6402

■ 132.2440,
-16.8823, 1.5400

■ 140.8050,
-21.1029, 1.9250

Harmonies

Analogous

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



59.3290, 21.0368, -27.4755



65.5280, 16.0087, -1.3401



66.8140, 8.9657, 17.7031

Triad

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



65.5280, 16.0087, -1.3401



64.1420, -15.3530, 24.4315



50.6200, 6.1033, -44.3937

Complementary

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



65.5280, 16.0087, -1.3401



92.4720, -16.0087, 1.3401

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.



57.4460, -6.6289, -20.5621



65.5280, 16.0087, -1.3401



62.9680, -18.2252, 12.3061

Square

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



65.5280, 16.0087, -1.3401



64.7220, -8.2439, 30.9388



61.2650, -15.4136, -2.8634



52.7860, 14.4025, -46.2933

Rectangle

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



65.5280, 16.0087, -1.3401



66.3760, 3.2656, 25.9802



61.2650, -15.4136, -2.8634



52.5130, 1.7191, -38.1609

Sweetspot

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



65.5280, 16.0087, -1.3401



114.4220, 6.6940, -0.3701



84.2900, 6.7590, -21.3023



56.3250, 3.7838, -0.2850



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



65.5280, 16.0087, -1.3401



76.6340, 25.3234, -2.3100



71.2090, 13.2080, 10.3407



44.4560, 1.7472, -0.3999



16.3560, 47.1525, -3.8202



34.8350, 101.1463, -8.6253

Inverse Universe

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



75.2380, 9.2497, 19.9623



91.9820, 14.3059, 31.5878



86.7910, -13.2080, -10.3407



45.6520, 1.1576, 2.0592



44.8880, 27.1702, 58.8572



96.1560, 58.0971, 126.1512

Previews

White Background



This preview shows how the YUV color 65.5280, 16.0087, -1.3401 looks on a white background.

Color Contrast Check

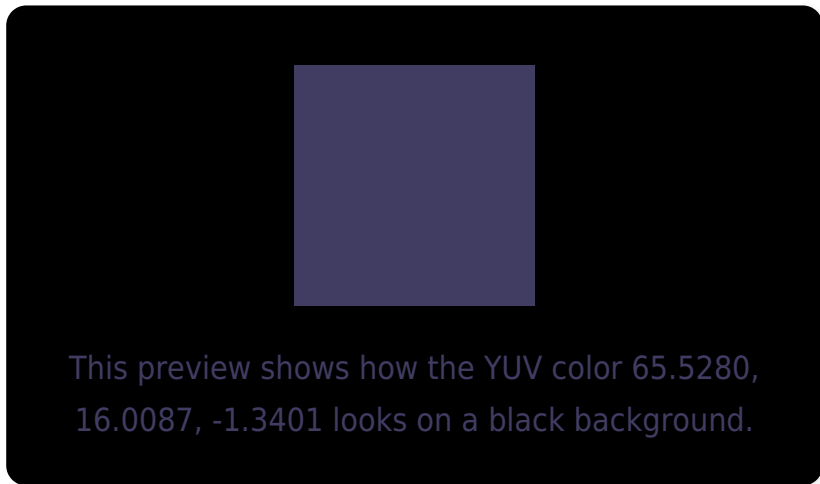
Large Text (above 18pt) WCAG AA ✓ Pass

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

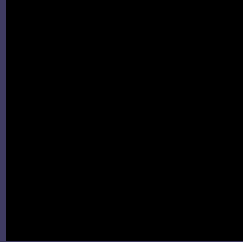
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5280, 16.0087, -1.3401

Background



This preview shows how black text looks on a background with the YUV color 65.5280, 16.0087, -1.3401.



This preview shows how white text looks on a background with the YUV color 65.5280, 16.0087,

-1.3401.

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

65.5280, 16.0087, -1.3401

Protanopia

63.7440, 18.3672, -11.1765

Deuteranopia

63.2770, 16.6254, -12.5209



Tritanopia

64.1780, 3.3632, -5.4181

Trichromacy



Original Color

65.5280, 16.0087, -1.3401

Protanomaly

64.5380, 17.4828, -7.4878

Deuteranomaly

64.1850, 16.1778, -8.9322

Tritanomaly

64.7420, 8.0152, -4.1587

Monochromacy



Original Color

65.5280, 16.0087, -1.3401

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5280, 16.0087, -1.3401 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(64, 60, 98)` looks like.

```
.text, #text, p{  
    color:rgb(64, 60, 98)  
}
```

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(64, 60, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 60, 98) }
```

Border

The CSS property to change the border of an element to YUV 65.5280, 16.0087, -1.3401 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(64, 60, 98) }
```


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

```
.border{ border-color:rgb(64, 60, 98) }
```

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

Here you see how a box with a 4 pixel rgb(64, 60, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 60, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 60, 98);  
box-shadow:4px 4px 4px 4px rgb(64, 60, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.5280, 16.0087, -1.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 60, 98) }
```

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

```
.background{ background-color: rgb(64, 60,  
98) }
```

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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