

Converting Colors

YUV(21.5460, 25.3668,
-16.2648)

Have a look what the booklet for
YUV(21.5460, 25.3668, -16.2648)
contains.

YUV(21.5460, 25.3668, -16.2648)	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(21.5460, 25.3668,
-16.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	031549
RGB	3, 21, 73
RGB Percent	1%, 8%, 29%
CMY	0.9882, 0.9176, 0.7137
CMYK	0.96, 0.71, 0.00, 0.71
HSL	225°, 92%, 15%
HSV	225°, 96%, 29%
XYZ	1.5083, 1.0367, 6.4239
YIQ	21.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

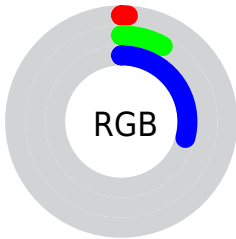
Format	Color
R_YB	3, 17, 73
Decimal	202057
CIE Lab	9.29, 16.62, -34.25
CIE LCh	9, 38.070, 295.890
Yxy	1.0367, 0.1682, 0.1156
Android (android.graphics.Color)	4278392137 (0xFF031549)
YUV	21.5460, 25.3668, -16.2648
Hunter-Lab	10.1820, 8.6237, -30.2794

Details

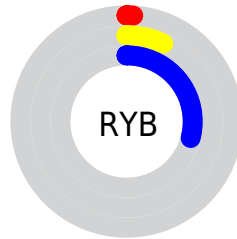
The YUV color **21.5460, 25.3668, -16.2648** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **54.4540, -25.3668, 16.2648**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.1280, 26.0659, -7.1283**, and **4.3660, 11.6516, -3.8290** is the 20% darker color. If you saturate the color by 10%, you get **19.4750, 26.3878, -17.0796**, and if you desaturate by 10%, it is **26.5740, 22.8880, -14.5354**.

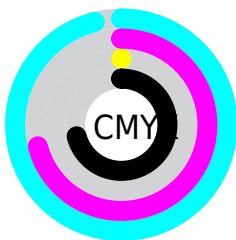
Distribution



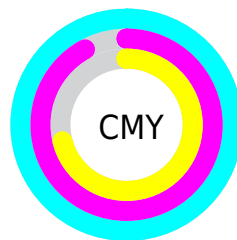
- Red (1%)
- Green (8%)
- Blue (29%)



- Red (1%)
- Yellow (7%)
- Blue (29%)



- Cyan (96%)
- Magenta (71%)
- Yellow (0%)
- Black (71%)



- Cyan (99%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.5460, 25.3668, -16.2648 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 21.5460, 25.3668, -16.2648 by changing the saturation by 10% instead.

■ 21.5460, 25.3668,
-16.2648

■ 21.5460, 25.3668,
-16.2648

■ 248.2330, 3.3361,
3.3037

■ 5.7000, 21.8399,
-4.9989

■ 69.1280, 26.0659,
-7.1283

■ 4.3660, 11.6516,
-3.8290

■ 93.3670, 26.9341,
-5.5839

■ 0.0000, 0.0000,
0.0000

■ 118.0080, 28.0971,
-5.2690

■ 144.5350, 28.8232,
-4.8542

■ 171.0620, 29.5494,
-4.4394

■ 198.0190, 28.0916,

-3.5247

■ 223.1260, 15.7139,
-0.1105

■ 21.5460, 25.3668,
-16.2648

■ 21.5460, 25.3668,
-16.2648

■ 19.4750, 26.3878,
-17.0796

■ 26.5740, 22.8880,
-14.5354

■ 32.4880, 19.9724,
-12.7060

■ 37.5160, 17.4936,
-10.9765

■ 43.1310, 14.7254,
-9.7619

■ 48.4580, 12.0992,
-7.4177

■ 54.0730, 9.3310,
-6.2030

■ 59.1010, 6.8522,
-4.4736

■ 64.1290, 4.3734,
-2.7441

■ 70.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



27.0890, 25.0991, -23.7571



21.5460, 25.3668, -16.2648



22.9920, 15.7799, 25.4400

Triad

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



21.5460, 25.3668, -16.2648



22.3150, -11.0013, 28.6647



24.7000, -1.8241, -21.6619

Complementary

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



21.5460, 25.3668, -16.2648



54.4540, -25.3668, 16.2648

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.



21.1320, -10.4181, -18.5328



21.5460, 25.3668, -16.2648



25.1510, -12.3994, 10.3916

Square

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



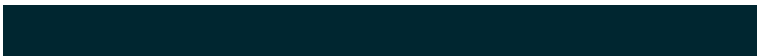
21.5460, 25.3668, -16.2648



20.0330, -9.8763, 41.1901



20.8880, -10.2978, -10.4258



27.7780, 9.9694, -24.3613

Rectangle

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



21.5460, 25.3668, -16.2648



23.5820, 7.6011, 35.4466



20.8880, -10.2978, -10.4258



22.8590, -6.3395, -20.0473

Sweetspot

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



21.5460, 25.3668, -16.2648



74.1870, 9.7678, -6.3030



49.9040, 2.0193, -41.1348



35.8730, 5.9786, -4.2736



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



21.5460, 25.3668, -16.2648



24.8040, 34.1136, -21.7531



15.7640, 28.2173, 2.8380



33.0430, 1.4578, -0.9147



26.5480, 35.7188, -23.2826



59.9240, 82.3685, -52.5533

Inverse Universe

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



25.9820, -2.4561, 41.2348



30.8420, -3.3731, 55.3896



60.2360, -28.2173, -2.8380



33.3100, -0.1528, 2.3591



32.5650, -3.2365, 58.2635



74.4850, -8.1271, 133.7557

Previews

White Background



This preview shows how the YUV color 21.5460, 25.3668, -16.2648 looks on a white background.

Color Contrast Check

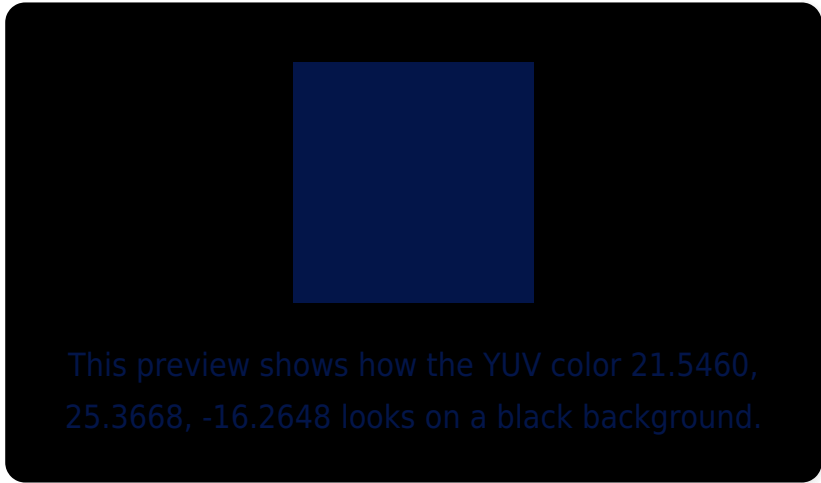
Large Text (above 18pt) WCAG AA ✓ Pass

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

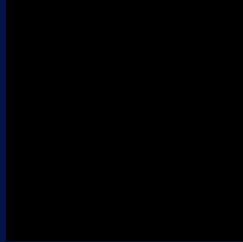
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.5460, 25.3668, -16.2648

Background



This preview shows how black text looks on a background with the YUV color 21.5460, 25.3668, -16.2648.



This preview shows how white text looks on a background with the YUV color 21.5460, 25.3668, -16.2648.

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

21.5460, 25.3668, -16.2648

Protanopia

22.2330, 16.6471, -19.4983

Deuteranopia

21.9080, 12.8634, -19.2133



Tritanopia

21.8450, 5.0064, -19.1581

Trichromacy



Original Color

21.5460, 25.3668, -16.2648

Protanomaly

22.0420, 19.6993, -18.4538

Deuteranomaly

21.4720, 17.5153, -17.9539

Tritanomaly

21.5060, 12.5685, -17.9838

Monochromacy



Original Color

21.5460, 25.3668, -16.2648

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5460, 25.3668, -16.2648 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(3, 21, 73)` looks like.

```
.text, #text, p{  
    color:rgb(3, 21, 73)  
}
```

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(3, 21, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 21, 73) }
```

Border

The CSS property to change the border of an element to YUV 21.5460, 25.3668, -16.2648 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(3, 21, 73) }
```


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

```
.border{ border-color:rgb(3, 21, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 21, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 21, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 21, 73); box-shadow:4px  
4px 4px 4px rgb(3, 21, 73) }
```

Background

The CSS property to change the background color of an element to YUV 21.5460, 25.3668, -16.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 21, 73) }
```

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

```
.background{ background-color: rgb(3, 21,  
73) }
```

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