

Converting Colors

YUV(42.8650, 18.3076, 8.0114)

Have a look what the booklet for
YUV(42.8650, 18.3076, 8.0114)
contains.

YUV(42.8650, 18.3076, 8.0114)	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(42.8650, 18.3076,
8.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	341F50
RGB	52, 31, 80
RGB Percent	20%, 12%, 31%
CMY	0.7961, 0.8784, 0.6863
CMYK	0.35, 0.61, 0.00, 0.69
HSL	266°, 44%, 22%
HSV	266°, 61%, 31%
XYZ	3.3541, 2.2892, 7.8545
YIQ	42.8650, -3.2130, 19.6910

Conversions

Conversions Part 2

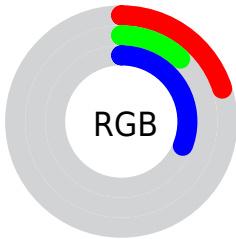
Format	Color
R_{YB}	52, 31, 80
Decimal	3415888
CIE _{Lab}	16.94, 22.03, -26.47
CIE _{LCh}	17, 34.437, 309.774
Yxy	2.2892, 0.2485, 0.1696
Android (android.graphics.Color)	4281605968 (0xFF341F50)
YUV	42.8650, 18.3076, 8.0114
Hunter-Lab	15.1302, 13.0929, -20.1880

Details

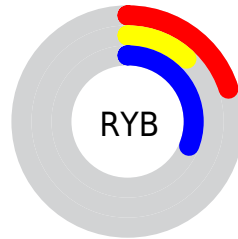
The YUV color **42.8650, 18.3076, 8.0114** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **68.1350, -18.3076, -8.0114**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.6310, 19.9019, 9.9706**, and **3.9900, 15.2879, -3.4992** is the 20% darker color. If you saturate the color by 10%, you get **36.6740, 21.3597, 9.0559**, and if you desaturate by 10%, it is **49.0560, 15.2554, 6.9669**.

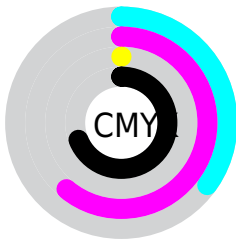
Distribution



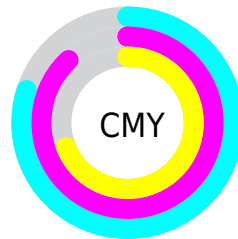
- Red (20%)
- Green (12%)
- Blue (31%)



- Red (20%)
- Yellow (12%)
- Blue (31%)



- Cyan (35%)
- Magenta (61%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.8650, 18.3076, 8.0114 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 42.8650, 18.3076, 8.0114 by changing the saturation by 10% instead.

■ 42.8650, 18.3076,
8.0114

■ 42.8650, 18.3076,
8.0114

■ 255.0000, 0.0000,
0.0000

■ 21.0390, 17.7288,
6.9818

■ 89.6310, 19.9019,
9.9706

■ 3.9900, 15.2879,
-3.4992

■ 114.1580, 20.6281,
10.3854

■ 1.1400, 4.3680,
-0.9998

■ 139.9840, 21.2069,
11.4150

■ 0.0000, 0.0000,
0.0000

■ 166.5110, 21.9331,
11.8299

■ 193.9240, 22.2225,
12.3447

■ 220.5560, 16.9809,

13.5444

■ 242.6730, 6.0772,
10.8108

■ 42.8650, 18.3076,
8.0114

■ 42.8650, 18.3076,
8.0114

■ 36.6740, 21.3597,
9.0559

■ 49.0560, 15.2554,
6.9669

■ 30.7820, 24.2645,
10.7152

■ 54.9480, 12.3506,
5.3076

■ 24.5910, 27.3166,
11.7597

■ 61.1390, 9.2985,
4.2631

■ 19.2860, 29.9320,
12.9042

■ 67.0310, 6.3937,
2.6038

■ 73.2220, 3.3416,
1.5593

■ 79.1140, 0.4368,
-0.1000

■ 85.3050, -2.6154,
-1.1445

■ 91.4960, -5.6675,
-2.1890

■ 97.3880, -8.5723,
-3.8483

Harmonies

Analogous

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



35.0280, 27.5942, -30.7196



42.8650, 18.3076, 8.0114



39.7280, 9.5011, 32.6875

Triad

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



42.8650, 18.3076, 8.0114



39.6920, -19.5682, 23.0721



36.6970, 6.0654, -32.1833

Complementary

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



42.8650, 18.3076, 8.0114



68.1350, -18.3076, -8.0114

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.



33.2600, -4.5652, -29.1690



42.8650, 18.3076, 8.0114



38.9950, -19.2245, 6.1434

Square

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



42.8650, 18.3076, 8.0114



37.8600, -14.2280, 36.9568



34.4440, -16.9809, -13.5444



38.8460, 16.8379, -34.0679

Rectangle

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



42.8650, 18.3076, 8.0114



36.7630, 3.0748, 40.5498



34.4440, -16.9809, -13.5444



35.1980, 2.8604, -30.8686

Sweetspot

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



42.8650, 18.3076, 8.0114



90.5580, 7.1199, 3.0186



53.6090, 13.0108, -19.8281



44.8630, 4.5045, 1.8741



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



42.8650, 18.3076, 8.0114



45.7590, 29.2058, 12.4894



50.0410, 14.7698, 22.7660



37.7550, 1.5998, 0.2149



25.4250, 39.2305, 17.1673



56.0490, 86.7438, 37.6680

Inverse Universe

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



48.8430, 5.0074, 27.3247



55.3380, 7.7214, 43.5536



60.9590, -14.7698, -22.7660



38.4240, 0.2840, 2.2592



38.2350, 10.7301, 58.5529



84.5300, 23.8957, 129.3312

Previews

White Background



This preview shows how the YUV color 42.8650, 18.3076, 8.0114 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 42.8650, 18.3076, 8.0114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

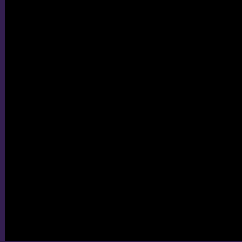
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8650, 18.3076, 8.0114

Background



This preview shows how black text looks on a background with the YUV color 42.8650, 18.3076, 8.0114.



This preview shows how white text looks on a background with the YUV color 42.8650, 18.3076,

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

42.8650, 18.3076, 8.0114

Protanopia

33.9850, 26.1364, -29.8048

Deuteranopia

33.9050, 20.7528, -29.7347



Tritanopia

42.5380, 0.7208, 2.1592

Trichromacy



Original Color

42.8650, 18.3076, 8.0114

Protanomaly

36.9760, 23.1828, -15.7650

Deuteranomaly

37.3520, 19.5465, -16.0947

Tritanomaly

42.5690, 7.1145, 4.7630

Monochromacy



Original Color

42.8650, 18.3076, 8.0114

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8650, 18.3076, 8.0114 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(52, 31, 80)` looks like.

```
.text, #text, p{  
    color:rgb(52, 31, 80)  
}
```

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(52, 31, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 31, 80) }
```

Border

The CSS property to change the border of an element to YUV 42.8650, 18.3076, 8.0114 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(52, 31, 80) }
```


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

```
.border{ border-color:rgb(52, 31, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 31, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 31, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 31, 80);  
box-shadow:4px 4px 4px 4px rgb(52, 31, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.8650, 18.3076, 8.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 31, 80) }
```

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

```
.background{ background-color: rgb(52, 31,  
80) }
```

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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