

Converting Colors

YUV(50.1460, 42.3260, 4.2570)

Have a look what the booklet for
YUV(50.1460, 42.3260, 4.2570)
contains.

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Color

**YUV(50.1460, 42.3260,
4.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	371F88
RGB	55, 31, 136
RGB Percent	22%, 12%, 53%
CMY	0.7843, 0.8784, 0.4667
CMYK	0.60, 0.77, 0.00, 0.47
HSL	254°, 63%, 33%
HSV	254°, 77%, 53%
XYZ	6.5095, 3.5698, 23.6385
YIQ	50.1460, -19.4010, 37.7430

Conversions

Conversions Part 2

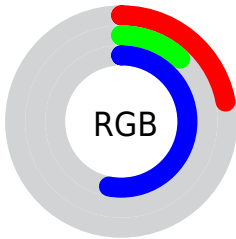
Format	Color
R_{YB}	55, 31, 136
Decimal	3612552
CIE _{Lab}	22.19, 39.94, -54.35
CIE _{LCh}	22, 67.445, 306.308
Yxy	3.5698, 0.1931, 0.1059
Android (android.graphics.Color)	4281802632 (0xFF371F88)
YUV	50.1460, 42.3260, 4.2570
Hunter-Lab	18.8938, 28.4341, -60.9533

Details

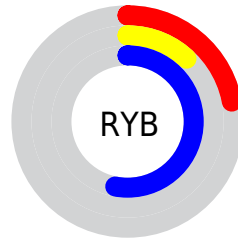
The YUV color **50.1460, 42.3260, 4.2570** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **116.8540, -42.3260, -4.2570**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9340, 43.9095, 9.7049**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **38.9380, 47.8516, 5.3164**, and if you desaturate by 10%, it is **61.3540, 36.8005, 3.1975**.

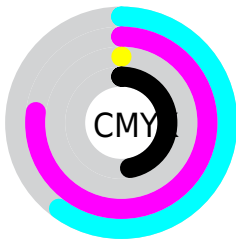
Distribution



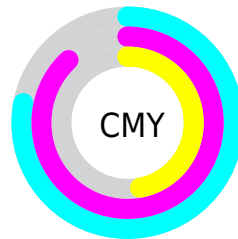
- Red (22%)
- Green (12%)
- Blue (53%)



- Red (22%)
- Yellow (12%)
- Blue (53%)



- Cyan (60%)
- Magenta (77%)
- Yellow (0%)
- Black (47%)



- Cyan (78%)
- Magenta (88%)
- Yellow (47%)
- Black (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1460, 42.3260, 4.2570 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 50.1460, 42.3260, 4.2570 by changing the saturation by 10% instead.

■ 50.1460, 42.3260,
4.2570

■ 50.1460, 42.3260,
4.2570

■ 255.0000, 0.0000,
0.0000

■ 22.9280, 42.9265,
-1.6909

■ 100.9340, 43.9095,
9.7049

■ 9.6900, 37.1278,
-8.4981

■ 126.9880, 45.3619,
10.5345

■ 7.5410, 26.3553,
-6.6135

■ 154.1130, 45.7933,
12.1789

■ 6.0930, 15.7302,
-5.3436

■ 178.6590, 37.6361,
15.2081

■ 2.2970, 6.2626,
-2.0145

■ 203.4780, 25.4003,
19.7518

■ 0.0000, 0.0000,
0.0000

■ 228.5850, 13.0226,

23.1660

245.6080, 4.6303,
8.2368

50.1460, 42.3260,
4.2570

50.1460, 42.3260,
4.2570

38.9380, 47.8516,
5.3164

61.3540, 36.8005,
3.1975

28.0180, 53.2351,
5.2462

72.2740, 31.4169,
3.2677

24.7730, 54.8349,
5.4611

83.4820, 25.8914,
2.2083

94.4020, 20.5078,
2.2784

105.6100, 14.9823,
1.2190

■ 117.1170, 9.3093,
0.7744

■ 127.7380, 4.0732,
0.2298

■ 139.2450, -1.5998,
-0.2149

■ 149.8660, -6.8359,
-0.7595

Harmonies

Analogous

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



51.8300, 51.3558, -45.4549



50.1460, 42.3260, 4.2570



45.6990, 23.8124, 62.5310

Triad

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



50.1460, 42.3260, 4.2570



48.3740, -23.8484, 42.6450



48.8590, 6.9715, -42.8493

Complementary

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



50.1460, 42.3260, 4.2570



116.8540, -42.3260, -4.2570

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.



41.0730, -17.7840, -36.0210



50.1460, 42.3260, 4.2570



49.3280, -24.3187, 6.7283

Square

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



50.1460, 42.3260, 4.2570



37.3750, -18.4259, 76.8471



38.1550, -18.8104, -33.4619



54.5590, 28.8114, -47.8482

Rectangle

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



50.1460, 42.3260, 4.2570



46.5360, 7.6238, 74.9519



38.1550, -18.8104, -33.4619



46.2200, -0.6015, -40.5349

Sweetspot

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



50.1460, 42.3260, 4.2570



142.6640, 16.4346, 2.0487



91.1040, 22.1337, -52.7112



68.6440, 10.0355, 1.1892



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



50.1460, 42.3260, 4.2570



42.0580, 66.0334, 6.9651



65.3950, 34.8083, 35.6106



63.3960, 2.7628, 0.5297



24.1320, 53.6719, 5.1462



0.8690, 2.0366, 0.1149

Inverse Universe

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



71.6290, 19.9029, 56.4534



75.5140, 31.2986, 88.1262



101.6050, -34.8083, -35.6106



64.6630, 1.1521, 3.8035



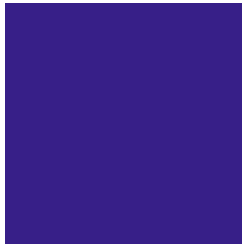
51.3950, 24.9483, 71.5676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 50.1460, 42.3260, 4.2570 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 50.1460, 42.3260, 4.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

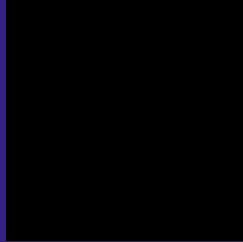
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1460, 42.3260, 4.2570

Background



This preview shows how black text looks on a background with the YUV color 50.1460, 42.3260, 4.2570.



This preview shows how white text looks on a background with the YUV color 50.1460, 42.3260,

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

50.1460, 42.3260, 4.2570

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

48.5070, 7.6380, -23.2466

Trichromacy



Original Color

50.1460, 42.3260, 4.2570

Protanomaly

45.3740, 36.2976, -22.2530

Deuteranomaly

45.4080, 31.3509, -22.2828

Tritanomaly

49.1890, 20.1198, -13.3208

Monochromacy



Original Color

50.1460, 42.3260, 4.2570

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0230, 15.2717, 1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1460, 42.3260, 4.2570 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(55, 31, 136)` looks like.

```
.text, #text, p{  
    color:rgb(55, 31, 136)  
}
```

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(55, 31, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 31, 136) }
```

Border

The CSS property to change the border of an element to YUV 50.1460, 42.3260, 4.2570 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(55, 31, 136) }
```


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

```
.border{ border-color:rgb(55, 31, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 31, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 31, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 31, 136);  
box-shadow:4px 4px 4px 4px rgb(55, 31,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 50.1460, 42.3260, 4.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 31, 136) }
```

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

```
.background{ background-color: rgb(55, 31,  
136) }
```

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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