

Converting Colors

YUV(52.1860, 61.5333,
-43.1361)

Have a look what the booklet for
YUV(52.1860, 61.5333, -43.1361)
contains.

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Color

**YUV(52.1860, 61.5333,
-43.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	0335B1
RGB	3, 53, 177
RGB Percent	1%, 21%, 69%
CMY	0.9882, 0.7922, 0.3059
CMYK	0.98, 0.70, 0.00, 0.31
HSL	223°, 97%, 35%
HSV	223°, 98%, 69%
XYZ	9.2465, 5.7399, 42.2155
YIQ	52.1860, -69.6040, 27.9640

Conversions

Conversions Part 2

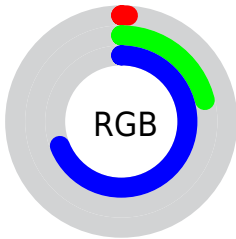
Format	Color
R _Y B	3, 42, 177
Decimal	210353
CIE Lab	28.75, 37.09, -68.69
CIE LCh	29, 78.060, 298.365
Yxy	5.7399, 0.1616, 0.1003
Android (android.graphics.Color)	4278400433 (0xFF0335B1)
YUV	52.1860, 61.5333, -43.1361
Hunter-Lab	23.9581, 26.9644, -87.7019

Details

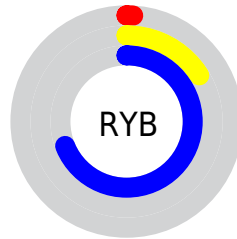
The YUV color **52.1860, 61.5333, -43.1361** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **127.8140, -61.5333, 43.1361**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7810, 59.2680, -16.4709**, and **21.6530, 49.9641, -18.9897** is the 20% darker color. If you saturate the color by 10%, you get **50.1150, 62.5543, -43.9509**, and if you desaturate by 10%, it is **65.1990, 55.1179, -38.7625**.

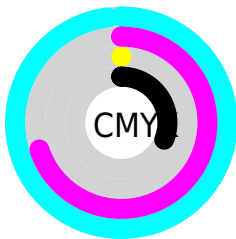
Distribution



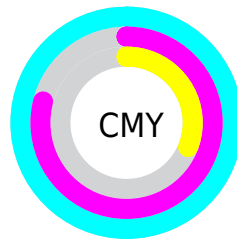
- Red (1%)
- Green (21%)
- Blue (69%)



- Red (1%)
- Yellow (16%)
- Blue (69%)



- Cyan (98%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



- Cyan (99%)
- Magenta (79%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.1860, 61.5333, -43.1361 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 52.1860, 61.5333, -43.1361 by changing the saturation by 10% instead.

■ 52.1860, 61.5333,
-43.1361

■ 52.1860, 61.5333,
-43.1361

■ 255.0000, 0.0000,
0.0000

■ 35.8840, 56.2592,
-31.4703

■ 113.7810, 59.2680,
-16.4709

■ 21.6530, 49.9641,
-18.9897

■ 140.1190, 56.6363,
-12.3824

■ 11.0580, 42.3694,
-9.6979

■ 164.3510, 44.6900,
-7.3238

■ 12.9040, 29.1343,
-11.3168

■ 188.5830, 32.7436,
-2.2653

■ 7.9340, 20.2455,
-6.9581

■ 214.2880, 20.0710,
2.3784

■ 3.6650, 11.5042,
-3.2142

■ 239.6940, 7.5459,

■ 0.0000, 0.0000,

6.4074

0.0000

■ 52.1860, 61.5333,
-43.1361

■ 52.1860, 61.5333,
-43.1361

■ 50.1150, 62.5543,
-43.9509

■ 65.1990, 55.1179,
-38.7625

■ 77.3260, 49.1393,
-34.4889

■ 90.3390, 42.7239,
-30.1153

■ 102.7650, 36.5979,
-25.2269

■ 115.4790, 30.3299,
-21.4681

■ 128.4920, 23.9144,
-17.0945

■ 140.9180, 17.7884,
-12.2061

■ 153.9310, 11.3730,
-7.8325

■ 166.6450, 5.1050,
-4.0737

Harmonies

Analogous

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



68.2610, 61.0033, -59.8649



52.1860, 61.5333, -43.1361



54.5160, 38.1996, 67.9535

Triad

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



52.1860, 61.5333, -43.1361



57.3660, -28.2814, 64.5770



59.4250, 1.7625, -52.1157

Complementary

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



52.1860, 61.5333, -43.1361



127.8140, -61.5333, 43.1361

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.



50.4820, -24.8876, -44.2727



52.1860, 61.5333, -43.1361



64.1680, -31.6348, 20.0237

Square

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



52.1860, 61.5333, -43.1361



49.3650, -16.4489, 96.1499



51.4450, -25.3624, -31.9623



67.0800, 28.5546, -58.8292

Rectangle

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



52.1860, 61.5333, -43.1361



57.6590, 17.9161, 87.1221



51.4450, -25.3624, -31.9623



56.3300, -7.5577, -49.4014

Sweetspot

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



52.1860, 61.5333, -43.1361



181.7910, 23.7670, -16.4797



119.0460, 2.9353, -101.7723



86.0170, 14.2886, -9.6619



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



52.1860, 61.5333, -43.1361



64.9620, 81.3637, -56.9717



33.3010, 70.8436, 4.1210



82.7870, 3.0630, -2.4442



43.2700, 54.0969, -37.9478



7.0730, 9.3310, -6.2030

Inverse Universe

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



60.7260, -3.8089, 101.9723



76.2940, -5.0749, 134.8002



146.6990, -70.8436, -4.1210



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 52.1860, 61.5333, -43.1361 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 52.1860, 61.5333, -43.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

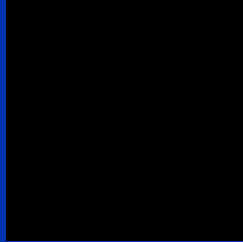
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.1860, 61.5333, -43.1361

Background



This preview shows how black text looks on a background with the YUV color 52.1860, 61.5333, -43.1361.



This preview shows how white text looks on a background with the YUV color 52.1860, 61.5333, -43.1361.

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

52.1860, 61.5333, -43.1361

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.5420, 31.2848, -47.8333



Tritanopia

53.7320, 12.9501, -47.1230

Trichromacy



Original Color

52.1860, 61.5333, -43.1361

Protanomaly

53.4340, 48.5930, -45.9846

Deuteranomaly

53.7130, 42.0465, -46.2293

Tritanomaly

53.3250, 30.4058, -45.8890

Monochromacy



Original Color

52.1860, 61.5333, -43.1361

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.7480, 22.3092, -15.5650

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.1860, 61.5333, -43.1361 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, 53, 177)` looks like.

```
.text, #text, p{  
    color:rgb(3, 53, 177)  
}
```

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, 53, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 53, 177) }
```

Border

The CSS property to change the border of an element to YUV 52.1860, 61.5333, -43.1361 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, 53, 177) }
```


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

```
.border{ border-color:rgb(3, 53, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 53, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 53, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 53, 177);  
box-shadow:4px 4px 4px 4px rgb(3, 53, 177)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.1860, 61.5333, -43.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 53, 177) }
```

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

```
.background{ background-color: rgb(3, 53,  
177) }
```

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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