

Converting Colors

YUV(54.8250, 52.3443,
-35.8035)

Have a look what the booklet for
YUV(54.8250, 52.3443, -35.8035)
contains.

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Color

**YUV(54.8250, 52.3443,
-35.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	0E37A1
RGB	14, 55, 161
RGB Percent	5%, 22%, 63%
CMY	0.9451, 0.7843, 0.3686
CMYK	0.91, 0.66, 0.00, 0.37
HSL	223°, 84%, 34%
HSV	223°, 91%, 63%
XYZ	7.9803, 5.3989, 34.3397
YIQ	54.8250, -58.4620, 24.2740

Conversions

Conversions Part 2

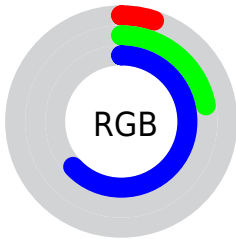
Format	Color
R_{YB}	14, 46, 161
Decimal	931745
CIE _{Lab}	27.84, 29.97, -60.55
CIE _{LCh}	28, 67.557, 296.333
Yxy	5.3989, 0.1672, 0.1131
Android (android.graphics.Color)	4279121825 (0xFF0E37A1)
YUV	54.8250, 52.3443, -35.8035
Hunter-Lab	23.2356, 20.6437, -71.3591

Details

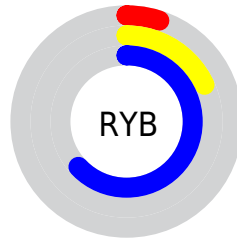
The YUV color **54.8250, 52.3443, -35.8035** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **120.1750, -52.3443, 35.8035**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5330, 51.9952, -17.1304**, and **21.7040, 42.5439, -19.0344** is the 20% darker color. If you saturate the color by 10%, you get **44.7690, 57.3019, -39.2624**, and if you desaturate by 10%, it is **66.6530, 46.5131, -32.1447**.

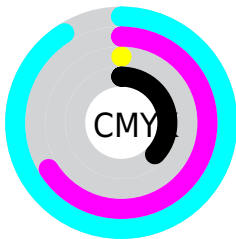
Distribution



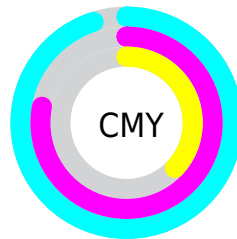
- Red (5%)
- Green (22%)
- Blue (63%)



- Red (5%)
- Yellow (18%)
- Blue (63%)



- Cyan (91%)
- Magenta (66%)
- Yellow (0%)
- Black (37%)



- Cyan (95%)
- Magenta (78%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8250, 52.3443, -35.8035 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 54.8250, 52.3443, -35.8035 by changing the saturation by 10% instead.

■ 54.8250, 52.3443,
-35.8035

■ 54.8250, 52.3443,
-35.8035

■ 255.0000, 0.0000,
0.0000

■ 35.2340, 48.6916,
-30.9002

■ 111.5330, 51.9952,
-17.1304

■ 21.7040, 42.5439,
-19.0344

■ 138.4840, 53.0054,
-14.4565

■ 9.4620, 36.2542,
-8.2982

■ 163.4430, 45.1376,
-10.9125

■ 10.2480, 24.0347,
-8.9875

■ 188.2620, 32.9018,
-6.3688

■ 5.2780, 15.1459,
-4.6288

■ 213.3690, 20.5241,
-2.9546

■ 1.3680, 5.2416,
-1.1997

■ 238.7750, 7.9989,

■ 0.0000, 0.0000,

1.0743

0.0000

■ 54.8250, 52.3443,
-35.8035

■ 54.8250, 52.3443,
-35.8035

■ 44.7690, 57.3019,
-39.2624

■ 66.6530, 46.5131,
-32.1447

■ 77.8940, 40.9713,
-27.9710

■ 89.7220, 35.1401,
-24.3122

■ 100.9630, 29.5982,
-20.1386

■ 113.0900, 23.6196,
-15.8649

■ 124.9180, 17.7884,
-12.2061

■ 136.1590, 12.2466,
-8.0324

■ 147.9870, 6.4154,
-4.3736

■ 159.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



64.2200, 53.1355, -56.3209



54.8250, 52.3443, -35.8035



51.1790, 35.9008, 58.6020

Triad

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



54.8250, 52.3443, -35.8035



57.0340, -28.1178, 58.7292



56.5070, 0.7360, -49.5566

Complementary

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



54.8250, 52.3443, -35.8035



120.1750, -52.3443, 35.8035

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.



48.1340, -23.7301, -42.2135



54.8250, 52.3443, -35.8035



62.4070, -30.7667, 21.5681

Square

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



54.8250, 52.3443, -35.8035



46.6890, -11.1857, 87.9727



54.7780, -27.0056, -18.2223



63.1360, 23.5970, -55.3703

Rectangle

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



54.8250, 52.3443, -35.8035



52.9460, 19.2536, 78.1004



54.7780, -27.0056, -18.2223



53.7540, -7.2737, -47.1423

Sweetspot

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



54.8250, 52.3443, -35.8035



168.1890, 20.1198, -13.3208



112.2590, 3.3233, -86.1731



80.1590, 12.2466, -8.0324



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



54.8250, 52.3443, -35.8035



57.8720, 74.5061, -50.7537



40.3260, 59.4923, 4.9761



75.7870, 3.0630, -2.4442



40.5970, 51.4707, -35.6036



4.9870, 6.4154, -4.3736

Inverse Universe

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



62.6270, -3.7601, 86.2731



69.1030, -5.4738, 122.6897



134.6740, -59.4923, -4.9761



76.0330, -0.0163, 5.2331



48.0290, -3.4653, 85.0436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 54.8250, 52.3443, -35.8035 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 54.8250, 52.3443, -35.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

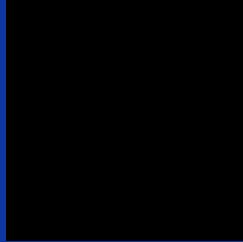
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8250, 52.3443, -35.8035

Background



This preview shows how black text looks on a background with the YUV color 54.8250, 52.3443, -35.8035.



This preview shows how white text looks on a background with the YUV color 54.8250, 52.3443,

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

54.8250, 52.3443, -35.8035

Protanopia

52.2570, 40.2993, -45.8294

Deuteranopia

52.9120, 30.1164, -46.4038



Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Original Color

54.8250, 52.3443, -35.8035

Protanomaly

53.1310, 44.7984, -42.2109

Deuteranomaly

53.4100, 38.2519, -42.4556

Tritanomaly

52.5490, 27.3373, -41.7005

Monochromacy



Original Color

54.8250, 52.3443, -35.8035

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9610, 19.2462, -13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8250, 52.3443, -35.8035 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(14, 55, 161)` looks like.

```
.text, #text, p{  
    color:rgb(14, 55, 161)  
}
```

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(14, 55, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 55, 161) }
```

Border

The CSS property to change the border of an element to YUV 54.8250, 52.3443, -35.8035 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(14, 55, 161) }
```


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

```
.border{ border-color:rgb(14, 55, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 55, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 55, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 55, 161);  
box-shadow:4px 4px 4px 4px rgb(14, 55,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 54.8250, 52.3443, -35.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 55, 161) }
```

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

```
.background{ background-color: rgb(14, 55,  
161) }
```

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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