

Converting Colors

YUV(53.3770, 41.7191,
-34.5336)

Have a look what the booklet for
YUV(53.3770, 41.7191, -34.5336)
contains.

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Color

**YUV(53.3770, 41.7191,
-34.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	0E398A
RGB	14, 57, 138
RGB Percent	5%, 22%, 54%
CMY	0.9451, 0.7765, 0.4588
CMYK	0.90, 0.59, 0.00, 0.46
HSL	219°, 82%, 30%
HSV	219°, 90%, 54%
XYZ	6.2317, 4.8546, 24.6533
YIQ	53.3770, -51.6290, 16.0750

Conversions

Conversions Part 2

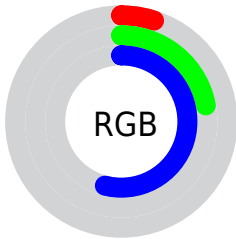
Format	Color
R_{YB}	14, 46, 138
Decimal	932234
CIE _{Lab}	26.32, 19.22, -48.94
CIE _{LCh}	26, 52.578, 291.439
Yxy	4.8546, 0.1744, 0.1358
Android (android.graphics.Color)	4279122314 (0xFF0E398A)
YUV	53.3770, 41.7191, -34.5336
Hunter-Lab	22.0331, 11.9275, -50.9176

Details

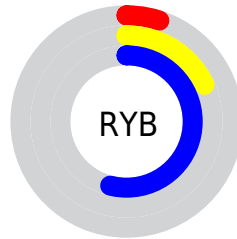
The YUV color **53.3770, 41.7191, -34.5336** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.6230, -41.7191, 34.5336**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4650, 41.6758, -20.5788**, and **19.8970, 33.0818, -17.4497** is the 20% darker color. If you saturate the color by 10%, you get **43.9080, 46.3874, -38.5073**, and if you desaturate by 10%, it is **62.8460, 37.0509, -30.5599**.

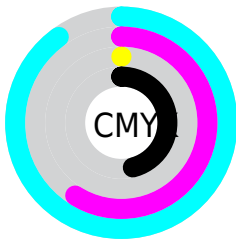
Distribution



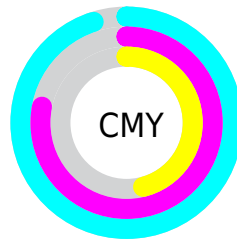
- Red (5%)
- Green (22%)
- Blue (54%)



- Red (5%)
- Yellow (18%)
- Blue (54%)



- Cyan (90%)
- Magenta (59%)
- Yellow (0%)
- Black (46%)



- Cyan (95%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3770, 41.7191, -34.5336 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 53.3770, 41.7191, -34.5336 by changing the saturation by 10% instead.

■ 53.3770, 41.7191,
-34.5336

■ 53.3770, 41.7191,
-34.5336

■ 255.0000, 0.0000,
0.0000

■ 33.9000, 38.5033,
-29.7303

■ 107.4650, 41.6758,
-20.5788

■ 19.8970, 33.0818,
-17.4497

■ 134.0030, 42.3965,
-18.4196

■ 9.5300, 26.3607,
-8.3578

■ 160.9430, 43.4121,
-17.4900

■ 6.3210, 16.6037,
-5.5435

■ 186.1470, 33.9445,
-14.1609

■ 2.6390, 7.5730,
-2.3144

■ 210.6670, 21.8562,
-10.2320

■ 0.0000, 0.0000,
0.0000

■ 236.3610, 9.1890,

-7.3326

■ 53.3770, 41.7191,
-34.5336

■ 53.3770, 41.7191,
-34.5336

■ 43.9080, 46.3874,
-38.5073

■ 62.8460, 37.0509,
-30.5599

■ 72.3150, 32.3827,
-26.5863

■ 81.4850, 27.8619,
-23.2273

■ 90.9540, 23.1937,
-19.2537

■ 100.4230, 18.5255,
-15.2800

■ 109.8920, 13.8572,
-11.3063

■ 119.3610, 9.1890,
-7.3326

■ 128.5310, 4.6682,
-3.9737

■ 138.0000, 0.0000,
0.0000

Harmonies

Analogous

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



57.9790, 41.9154, -50.8476



53.3770, 41.7191, -34.5336



61.2560, 25.5098, 31.3475

Triad

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



53.3770, 41.7191, -34.5336



55.2180, -27.2225, 51.5518



51.3720, -1.1694, -45.0532

Complementary

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



53.3770, 41.7191, -34.5336



98.6230, -41.7191, 34.5336

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.



44.2530, -20.8307, -38.8099



53.3770, 41.7191, -34.5336



59.4720, -29.3197, 24.1421

Square

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



53.3770, 41.7191, -34.5336



43.8490, -3.8696, 74.6774



55.4530, -27.3383, -4.7823



56.7470, 16.8867, -49.7671

Rectangle

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



53.3770, 41.7191, -34.5336



51.0100, 18.7291, 59.6272



55.4530, -27.3383, -4.7823



49.1890, -6.9952, -43.1388

Sweetspot

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



53.3770, 41.7191, -34.5336



145.5650, 16.4835, -13.6505



96.0220, -0.5038, -71.9333



70.0620, 9.3364, -7.9474



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.



53.3770, 41.7191, -34.5336



56.8000, 60.2446, -49.8136



33.8170, 51.3622, -0.7165



63.9720, 2.4788, -1.7294



42.1640, 44.7821, -36.9778



1.7440, 1.6052, -1.5295

Inverse Universe

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



55.9780, 0.5038, 71.9333



60.5890, 0.6956, 103.8464



118.1830, -51.3622, 0.7165



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 53.3770, 41.7191, -34.5336 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 53.3770, 41.7191, -34.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

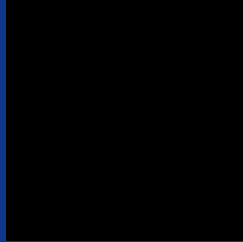
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3770, 41.7191, -34.5336

Background



This preview shows how black text looks on a background with the YUV color 53.3770, 41.7191, -34.5336.



This preview shows how white text looks on a background with the YUV color 53.3770, 41.7191,

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

53.3770, 41.7191, -34.5336

Protanopia

49.8120, 38.5467, -43.6851

Deuteranopia

50.1080, 29.5268, -43.9447



Tritanopia

48.9390, 12.3551, -42.9195

Trichromacy



Original Color

53.3770, 41.7191, -34.5336

Protanomaly

51.1760, 39.8462, -40.4964

Deuteranomaly

50.9820, 34.0259, -40.3262

Tritanomaly

50.7080, 22.8220, -40.0859

Monochromacy



Original Color

53.3770, 41.7191, -34.5336

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3770, 41.7191, -34.5336 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, 57, 138)` looks like.

```
.text, #text, p{  
    color:rgb(14, 57, 138)  
}
```

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, 57, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 57, 138) }
```

Border

The CSS property to change the border of an element to YUV 53.3770, 41.7191, -34.5336 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, 57, 138) }
```


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

```
.border{ border-color:rgb(14, 57, 138) }
```

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

Here you see how a box with a 4 pixel rgb(14, 57, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 57, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 57, 138);  
box-shadow:4px 4px 4px 4px rgb(14, 57,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 53.3770, 41.7191, -34.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 57, 138) }
```

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

```
.background{ background-color: rgb(14, 57,  
138) }
```

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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