

Converting Colors

YUV(91.4940, 51.0285,
-33.7592)

Have a look what the booklet for
YUV(91.4940, 51.0285, -33.7592)
contains.

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Color

**YUV(91.4940, 51.0285,
-33.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	355BC3
RGB	53, 91, 195
RGB Percent	21%, 36%, 76%
CMY	0.7922, 0.6431, 0.2353
CMYK	0.73, 0.53, 0.00, 0.24
HSL	224°, 57%, 49%
HSV	224°, 73%, 76%
XYZ	15.0596, 12.1792, 53.1868
YIQ	91.4940, -56.0320, 24.2880

Conversions

Conversions Part 2

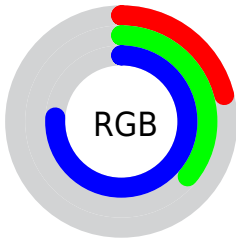
Format	Color
R_{YB}	53, 83, 195
Decimal	3496899
CIE _{Lab}	41.50, 22.72, -58.37
CIE _{LCh}	41, 62.638, 291.263
Yxy	12.1792, 0.1872, 0.1514
Android (android.graphics.Color)	4281686979 (0xFF355BC3)
YUV	91.4940, 51.0285, -33.7592
Hunter-Lab	34.8987, 15.9543, -65.9310

Details

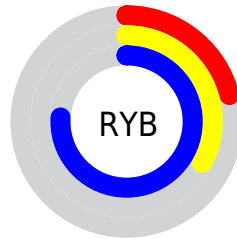
The YUV color **91.4940, 51.0285, -33.7592** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **156.5060, -51.0285, 33.7592**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7770, 51.8749, -25.2374**, and **42.9620, 47.8397, -37.6777** is the 20% darker color. If you saturate the color by 10%, you get **77.5950, 57.8807, -38.2328**, and if you desaturate by 10%, it is **105.6920, 44.0288, -28.6709**.

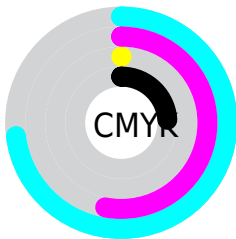
Distribution



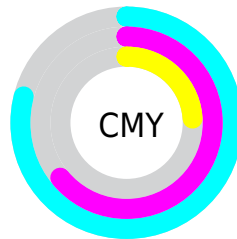
- Red (21%)
- Green (36%)
- Blue (76%)



- Red (21%)
- Yellow (33%)
- Blue (76%)



- Cyan (73%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (79%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4940, 51.0285, -33.7592 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 91.4940, 51.0285, -33.7592 by changing the saturation by 10% instead.

■ 91.4940, 51.0285,
-33.7592

■ 91.4940, 51.0285,
-33.7592

■ 255.0000, 0.0000,
0.0000

■ 58.9540, 53.2667,
-51.7027

■ 146.7770, 51.8749,
-25.2374

■ 42.9620, 47.8397,
-37.6777

■ 171.3510, 41.2390,
-20.4788

■ 28.8450, 41.9814,
-25.2971

■ 195.8710, 29.1506,
-16.5499

■ 10.1460, 38.8750,
-8.8980

■ 221.2770, 16.6254,
-12.5209

■ 11.5190, 26.3661,
-10.1022

■ 246.6830, 4.1003,
-8.4920

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 91.4940, 51.0285,
-33.7592

■ 91.4940, 51.0285,
-33.7592

■ 77.5950, 57.8807,
-38.2328

■ 105.6920, 44.0288,
-28.6709

■ 62.8100, 65.1697,
-42.8064

■ 120.1780, 36.8872,
-24.7121

■ 52.7540, 70.1273,
-46.2653

■ 134.0770, 30.0350,
-20.2385

■ 148.2750, 23.0354,
-15.1502

■ 162.4730, 16.0358,
-10.0618

■ 176.9590, 8.8942,
-6.1030

■ 190.8580, 2.0420,
-1.6295

■ 205.0560, -4.9576,
3.4589

■ 219.8410,
-12.2466, 8.0324

Harmonies

Analogous

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



86.8970, 56.2528, -76.2087



91.4940, 51.0285, -33.7592



98.9070, 31.5978, 38.6696

Triad

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



91.4940, 51.0285, -33.7592



89.9290, -38.9120, 67.5913



79.0870, 0.9431, -69.3593

Complementary

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



91.4940, 51.0285, -33.7592



156.5060, -51.0285, 33.7592

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.



70.3550, -22.3600, -61.7013



91.4940, 51.0285, -33.7592



92.2980, -45.5029, 34.8187

Square

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



91.4940, 51.0285, -33.7592



85.2160, -10.4595, 88.3876



87.3380, -43.0576, -2.9274



85.7160, 23.8040, -75.1729

Rectangle

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



91.4940, 51.0285, -33.7592



91.7170, 19.8595, 70.4082



87.3380, -43.0576, -2.9274



76.4480, -6.6299, -67.0449

Sweetspot

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



91.4940, 51.0285, -33.7592



212.0750, 19.6830, -13.2208



147.9820, 3.4599, -83.2992



103.1590, 12.2466, -8.0324



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



91.4940, 51.0285, -33.7592



92.5990, 78.5847, -52.2683



78.4570, 57.4557, 4.8612



89.9010, 3.4998, -2.5442



43.5950, 57.8807, -38.2328



9.0450, 11.8098, -7.9325

Inverse Universe

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



99.7900, -4.3335, 83.4992



105.2070, -6.5111, 128.7375



169.5430, -57.4557, -4.8612



90.3320, -0.1637, 5.8478



53.0410, -4.9502, 94.6800



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 91.4940, 51.0285, -33.7592 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 × Fail

Black Background



This preview shows how the YUV color 91.4940, 51.0285, -33.7592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

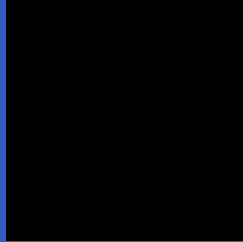
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4940, 51.0285, -33.7592

Background



This preview shows how black text looks on a background with the YUV color 91.4940, 51.0285, -33.7592.



This preview shows how white text looks on a background with the YUV color 91.4940, 51.0285, -33.7592.

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

91.4940, 51.0285, -33.7592

Protanopia

82.8330, 56.7773, -57.7355

Deuteranopia

78.4220, 46.6270, -68.7761



Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Original Color

91.4940, 51.0285, -33.7592

Protanomaly

86.0190, 54.7136, -49.1287

Deuteranomaly

83.2540, 48.1888, -56.3508

Tritanomaly

82.0850, 31.0171, -55.3255

Monochromacy



Original Color

91.4940, 51.0285, -33.7592

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1460, 18.6620, -12.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4940, 51.0285, -33.7592 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(53, 91, 195)` looks like.

```
.text, #text, p{  
    color:rgb(53, 91, 195)  
}
```

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(53, 91, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 91, 195) }
```

Border

The CSS property to change the border of an element to YUV 91.4940, 51.0285, -33.7592 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(53, 91, 195) }
```


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

```
.border{ border-color:rgb(53, 91, 195) }
```

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

Here you see how a box with a 4 pixel rgb(53, 91, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 91, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 91, 195);  
box-shadow:4px 4px 4px 4px rgb(53, 91,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 91.4940, 51.0285, -33.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 91, 195) }
```

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

```
.background{ background-color: rgb(53, 91,  
195) }
```

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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