

Converting Colors

YUV(53.0780, -25.1815, 3.4396)

Have a look what the booklet for
YUV(53.0780, -25.1815, 3.4396)
contains.

YUV(53.0780, -25.1815, 3.4396)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.0780, -25.1815,
3.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	393D02
RGB	57, 61, 2
RGB Percent	22%, 24%, 1%
CMY	0.7765, 0.7608, 0.9922
CMYK	0.07, 0.00, 0.97, 0.76
HSL	64°, 94%, 12%
HSV	64°, 97%, 24%
XYZ	3.3670, 4.2117, 0.6929
YIQ	53.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

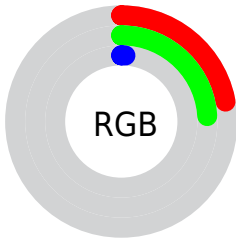
Format	Color
R_{YB}	2, 61, 6
Decimal	3751170
CIE Lab	24.36, -9.75, 32.09
CIE LCh	24, 33.537, 106.902
Yxy	4.2117, 0.4071, 0.5092
Android (android.graphics.Color)	4281941250 (0xFF393D02)
YUV	53.0780, -25.1815, 3.4396
Hunter-Lab	20.5225, -6.6286, 12.3639

Details

The YUV color **53.0780, -25.1815, 3.4396** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.9220, 25.1815, -3.4396**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7900, -25.0395, 4.5692**, and **11.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **52.8500, -26.0550, 3.6396**, and if you desaturate by 10%, it is **53.7620, -22.5607, 2.8397**.

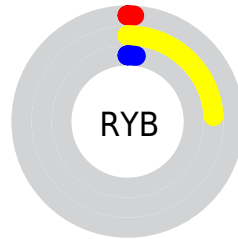
Distribution



Red (22%)

Green (24%)

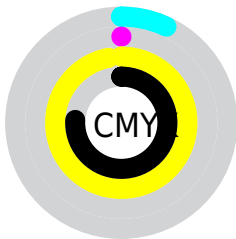
Blue (1%)



Red (1%)

Yellow (24%)

Blue (2%)

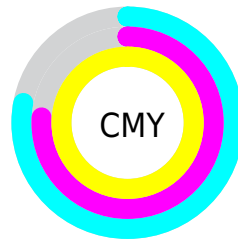


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (76%)



Cyan (78%)


Magenta (76%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 53.0780, -25.1815, 3.4396 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 53.0780, -25.1815, 3.4396 by changing the saturation by 10% instead.


 53.0780, -25.1815,
3.4396

 53.0780, -25.1815,
3.4396


 252.3780,
-10.0464, 2.2995


 33.0590, -16.2981,
0.8253


 100.7900,
-25.0395, 4.5692

 11.7400, -5.7878,
-10.2960

 125.8610,
-26.0605, 5.3839

 0.0000, 0.0000,
0.0000

 152.6330,
-26.9341, 5.5839


 179.1170,
-27.6657, 6.9134


 206.8890,
-28.5393, 7.1133


 235.3620,


-29.2655, 6.6985


 249.1860,
-22.2767, 5.0989


 53.0780, -25.1815,
3.4396


 53.0780, -25.1815,
3.4396


 52.8500, -26.0550,
3.6396

 53.7620, -22.5607,
2.8397

 54.7450, -20.0873,
2.8546

 55.4290, -17.4665,
2.2548

 56.4120, -14.9931,
2.2697

 57.2100, -11.9355,
1.5698

■ 57.8940, -9.3147,
0.9700

■ 58.8770, -6.8414,
0.9849

■ 59.5610, -4.2206,
0.3850

■ 60.5440, -1.7472,
0.3999

Harmonies

Analogous

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



55.3730, -25.8199, 21.5979



53.0780, -25.1815, 3.4396



49.2090, -13.9070, -19.4773

Triad

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



53.0780, -25.1815, 3.4396



50.6320, 21.3804, -44.4043



57.8270, 6.0013, 35.2317

Complementary

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



53.0780, -25.1815, 3.4396



9.9220, 25.1815, -3.4396

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.



60.0400, 16.2493, 14.8739



53.0780, -25.1815, 3.4396



49.7660, 28.2164, -43.6448

Square

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



53.0780, -25.1815, 3.4396



49.2980, 11.1921, -43.2343



55.4210, 24.9354, -17.9092



55.8850, -5.3663, 41.3199

Rectangle

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



53.0780, -25.1815, 3.4396



44.1340, -3.5171, -38.7055



55.4210, 24.9354, -17.9092



58.4180, 9.6539, 30.3284

Sweetspot

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



53.0780, -25.1815, 3.4396



75.7800, -9.7515, 1.0699



21.9890, -9.8546, 34.2126



39.1050, -5.9678, 0.7849



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.0780, -25.1815, 3.4396



68.4990, -33.7700, 4.8244



44.4070, -20.9067, -14.3889



30.3590, -1.1630, -0.3148



81.4900, -40.1746, 5.7093



192.2070, -94.7581, 12.9735

Inverse Universe

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



9.9220, 25.1815, -3.4396



10.5010, 33.7700, -4.8244



18.5930, 20.9067, 14.3889



28.3420, 1.3104, -0.2999



12.5100, 40.1746, -5.7093



29.7930, 94.7581, -12.9735

Previews

White Background



This preview shows how the YUV color 53.0780, -25.1815, 3.4396 looks on a white background.

Color Contrast Check

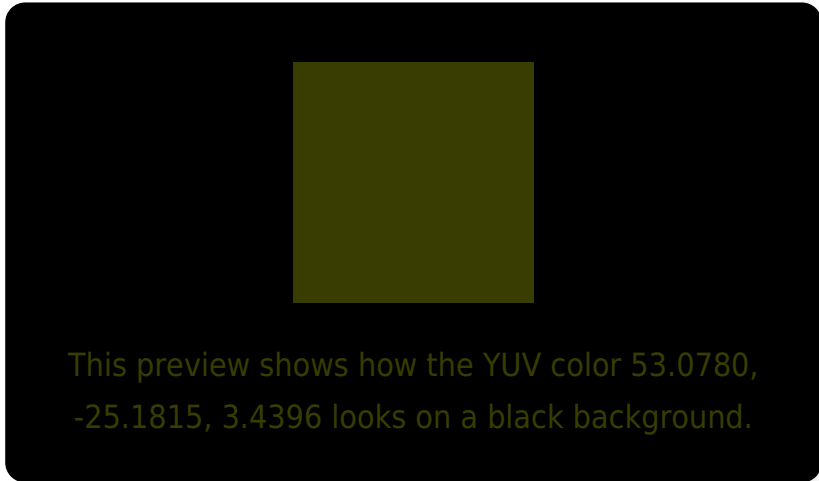
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

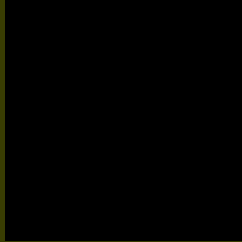
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0780, -25.1815, 3.4396

Background



This preview shows how black text looks on a background with the YUV color 53.0780, -25.1815, 3.4396.

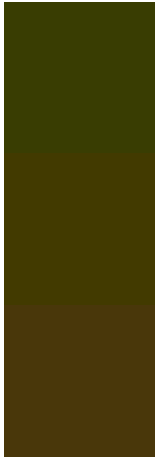


This preview shows how white text looks on a background with the YUV color 53.0780, -25.1815,

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

53.0780, -25.1815, 3.4396

Protanopia

53.7800, -26.5135, 10.7169

Deuteranopia

55.2520, -22.3092, 15.5650



Tritanopia

58.6520, 1.1576, 2.0592

Trichromacy



Original Color

53.0780, -25.1815, 3.4396

Protanomaly

53.5840, -25.9239, 8.2578

Deuteranomaly

54.2900, -23.3140, 11.1467

Tritanomaly

56.5460, -8.1572, 3.0292

Monochromacy



Original Color

53.0780, -25.1815, 3.4396

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0780, -25.1815, 3.4396 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(57, 61, 2)` looks like.

```
.text, #text, p{  
    color:rgb(57, 61, 2)  
}
```

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(57, 61, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 61, 2) }
```

Border

The CSS property to change the border of an element to YUV 53.0780, -25.1815, 3.4396 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(57, 61, 2) }
```


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

```
.border{ border-color:rgb(57, 61, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 61, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 61, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 61, 2); box-shadow:4px  
4px 4px 4px rgb(57, 61, 2) }
```

Background

The CSS property to change the background color of an element to YUV 53.0780, -25.1815, 3.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 61, 2) }
```

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

```
.background{ background-color: rgb(57, 61,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor