

Converting Colors

YUV(53.7670, 13.4259,
-12.9507)

Have a look what the booklet for
YUV(53.7670, 13.4259, -12.9507)
contains.

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Color

**YUV(53.7670, 13.4259,
-12.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	273851
RGB	39, 56, 81
RGB Percent	15%, 22%, 32%
CMY	0.8471, 0.7804, 0.6824
CMYK	0.52, 0.31, 0.00, 0.68
HSL	216°, 35%, 24%
HSV	216°, 52%, 32%
XYZ	3.7361, 3.8538, 8.3315
YIQ	53.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

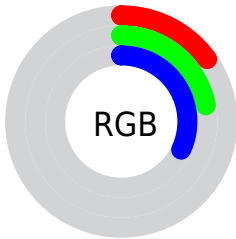
Format	Color
R_{YB}	39, 51, 81
Decimal	2570321
CIE _{Lab}	23.18, 1.12, -17.35
CIE _{LCh}	23, 17.389, 273.684
Yxy	3.8538, 0.2347, 0.2420
Android (android.graphics.Color)	4280760401 (0xFF273851)
YUV	53.7670, 13.4259, -12.9507
Hunter-Lab	19.6310, -0.3830, -11.4213

Details

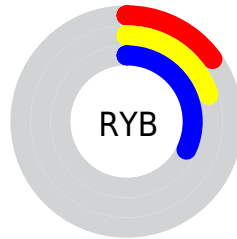
The YUV color **53.7670, 13.4259, -12.9507** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.2330, -13.4259, 12.9507**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2940, 14.1521, -12.5358**, and **11.1480, 12.2520, -9.7768** is the 20% darker color. If you saturate the color by 10%, you get **48.4400, 16.0521, -15.2949**, and if you desaturate by 10%, it is **59.0940, 10.7997, -10.6064**.

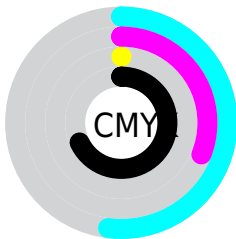
Distribution



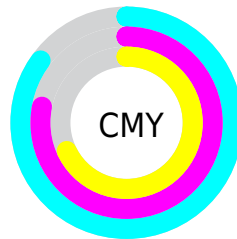
- Red (15%)
- Green (22%)
- Blue (32%)



- Red (15%)
- Yellow (20%)
- Blue (32%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7670, 13.4259, -12.9507 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 53.7670, 13.4259, -12.9507 by changing the saturation by 10% instead.

■ 53.7670, 13.4259,
-12.9507

■ 53.7670, 13.4259,
-12.9507

■ 255.0000, 0.0000,
0.0000

■ 31.6420, 12.9945,
-14.5950

■ 101.2940, 14.1521,
-12.5358

■ 11.1480, 12.2520,
-9.7768

■ 126.5220, 15.0257,
-12.7358

■ 2.0690, 5.3890,
-1.8145

■ 152.5220, 15.0257,
-12.7358

■ 0.0000, 0.0000,
0.0000

■ 178.7500, 15.8993,
-12.9358

■ 206.7500, 15.8993,
-12.9358

■ 233.3820, 10.6577,

-11.7360

253.2060, 0.8844,
-3.6887

53.7670, 13.4259,
-12.9507

53.7670, 13.4259,
-12.9507

48.4400, 16.0521,
-15.2949

59.0940, 10.7997,
-10.6064

43.1130, 18.6783,
-17.6391

64.4210, 8.1734,
-8.2622

38.3730, 21.0151,
-20.4981

69.1610, 5.8366,
-5.4032

33.0460, 23.6413,
-22.8423

74.4880, 3.2104,
-3.0590

28.6050, 25.8307,
-25.0866

80.1140, 0.4368,
-0.1000

■ 85.4410, -2.1894,
2.2442

■ 90.7680, -4.8156,
4.5885

■ 96.0950, -7.4418,
6.9327

■ 100.8350, -9.7787,
9.7917

Harmonies

Analogous

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



48.5970, 14.4957, -29.4646



53.7670, 13.4259, -12.9507



56.3560, 10.1775, 2.3188

Triad

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



53.7670, 13.4259, -12.9507



56.2970, -7.0484, 20.7875



50.5760, -3.7350, -15.4142

Complementary

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



53.7670, 13.4259, -12.9507



66.2330, -13.4259, 12.9507

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.



52.7470, -9.7353, -4.1631



53.7670, 13.4259, -12.9507



55.4120, -11.5421, 15.4247

Square

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



53.7670, 13.4259, -12.9507



56.4910, -1.2281, 20.6174



54.1290, -12.3886, 6.9029



46.9640, 4.4547, -28.9094

Rectangle

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



53.7670, 13.4259, -12.9507



56.9010, 6.9508, 10.6108



54.1290, -12.3886, 6.9029



51.6150, -6.2192, -11.9404

Sweetspot

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



53.7670, 13.4259, -12.9507



94.0470, 5.3998, -5.3032



66.5040, -1.2345, -24.1210



46.6020, 3.6472, -3.1590



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



53.7670, 13.4259, -12.9507



62.6720, 20.8677, -19.8833



44.9840, 17.7559, -1.7400



38.0430, 1.4578, -0.9147



36.6240, 33.7094, -32.1192



81.6260, 74.1344, -71.5860

Inverse Universe

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



53.4960, 1.2345, 24.1210



62.3990, 1.7753, 37.3611



75.3150, -17.9033, 2.3547



38.3100, -0.1528, 2.3591



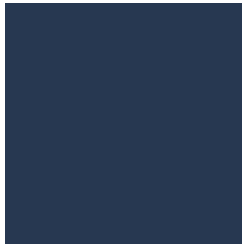
36.1830, 2.8678, 60.3525



80.0840, 6.8606, 133.2303

Previews

White Background



This preview shows how the YUV color 53.7670, 13.4259, -12.9507 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 53.7670, 13.4259, -12.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

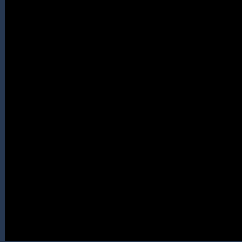
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

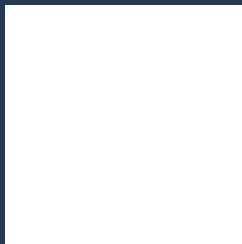
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 53.7670, 13.4259, -12.9507

Background



This preview shows how black text looks on a background with the YUV color 53.7670, 13.4259, -12.9507.



This preview shows how white text looks on a background with the YUV color 53.7670, 13.4259, -12.9507.

-12.9507.

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

53.7670, 13.4259, -12.9507

Protanopia

54.8710, 12.3886, -6.9029

Deuteranopia

54.6750, 12.9782, -9.3620



Tritanopia

51.7960, 6.0166, -16.4841

Trichromacy



Original Color

53.7670, 13.4259, -12.9507

Protanomaly

54.5610, 12.5414, -9.2620

Deuteranomaly

54.0770, 13.2730, -10.5915

Tritanomaly

52.4910, 8.6319, -15.3396

Monochromacy



Original Color

53.7670, 13.4259, -12.9507

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7670, 13.4259, -12.9507 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(39, 56, 81)` looks like.

```
.text, #text, p{  
    color:rgb(39, 56, 81)  
}
```

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(39, 56, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 56, 81) }
```

Border

The CSS property to change the border of an element to YUV 53.7670, 13.4259, -12.9507 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(39, 56, 81) }
```


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

```
.border{ border-color:rgb(39, 56, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 56, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 56, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 56, 81);  
box-shadow:4px 4px 4px 4px rgb(39, 56, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.7670, 13.4259, -12.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 56, 81) }
```

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

```
.background{ background-color: rgb(39, 56,  
81) }
```

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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