

Converting Colors

YUV(51.5430, 33.2563,
-26.7862)

Have a look what the booklet for
YUV(51.5430, 33.2563, -26.7862)
contains.

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Color

**YUV(51.5430, 33.2563,
-26.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	153677
RGB	21, 54, 119
RGB Percent	8%, 21%, 47%
CMY	0.9176, 0.7882, 0.5333
CMYK	0.82, 0.55, 0.00, 0.53
HSL	220°, 70%, 27%
HSV	220°, 82%, 47%
XYZ	4.9582, 4.1297, 17.9885
YIQ	51.5430, -40.5330, 13.2190

Conversions

Conversions Part 2

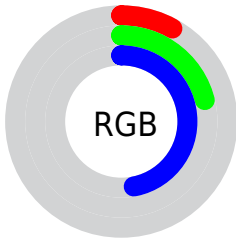
Format	Color
R_{YB}	21, 46, 119
Decimal	1390199
CIE _{Lab}	24.10, 14.00, -40.61
CIE _{LCh}	24, 42.957, 289.018
Yxy	4.1297, 0.1831, 0.1525
Android (android.graphics.Color)	4279580279 (0xFF153677)
YUV	51.5430, 33.2563, -26.7862
Hunter-Lab	20.3216, 7.9888, -38.2580

Details

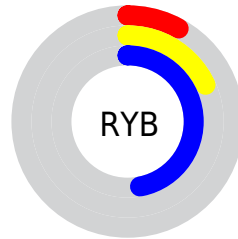
The YUV color **51.5430, 33.2563, -26.7862** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.4570, -33.2563, 26.7862**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8260, 34.1028, -18.2644**, and **14.4370, 27.3926, -12.6612** is the 20% darker color. If you saturate the color by 10%, you get **43.2590, 37.3403, -30.0451**, and if you desaturate by 10%, it is **59.8270, 29.1723, -23.5273**.

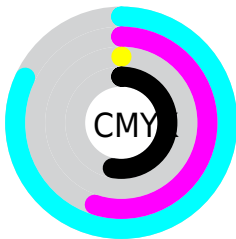
Distribution



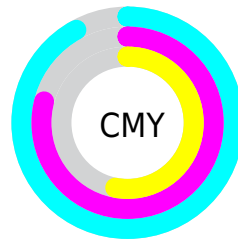
- Red (8%)
- Green (21%)
- Blue (47%)



- Red (8%)
- Yellow (18%)
- Blue (47%)



- Cyan (82%)
- Magenta (55%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (79%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5430, 33.2563, -26.7862 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 51.5430, 33.2563, -26.7862 by changing the saturation by 10% instead.

■ 51.5430, 33.2563,
-26.7862

■ 51.5430, 33.2563,
-26.7862

■ 255.0000, 0.0000,
0.0000

■ 30.0870, 31.5091,
-26.3863

■ 102.8260, 34.1028,
-18.2644

■ 14.4370, 27.3926,
-12.6612

■ 128.6520, 34.6816,
-17.2348

■ 7.7060, 19.3719,
-6.7582

■ 155.5920, 35.6971,
-16.3052

■ 3.4370, 10.6306,
-3.0142

■ 182.3040, 35.8391,
-15.1756

■ 0.0000, 0.0000,
0.0000

■ 207.1120, 23.6088,
-12.3762

■ 232.2190, 11.2310,

-8.9621

253.8040, 0.5896,
-2.4591

■ 51.5430, 33.2563,
-26.7862

■ 51.5430, 33.2563,
-26.7862

■ 43.2590, 37.3403,
-30.0451

■ 59.8270, 29.1723,
-23.5273

■ 37.0460, 40.4033,
-32.4893

■ 68.1110, 25.0883,
-20.2683

■ 76.3950, 21.0043,
-17.0094

■ 84.6790, 16.9203,
-13.7505

■ 92.0770, 13.2730,
-10.5915

■ 100.3610, 9.1890,
-7.3326

■ 108.6450, 5.1050,
-4.0737

■ 116.9290, 1.0210,
-0.8147

■ 125.2130, -3.0630,
2.4442

Harmonies

Analogous

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



51.9490, 34.0421, -45.5593



51.5430, 33.2563, -26.7862



58.5230, 20.4482, 21.4663

Triad

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



51.5430, 33.2563, -26.7862



52.3140, -22.8328, 43.5746



46.6930, -1.3276, -40.9498

Complementary

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



51.5430, 33.2563, -26.7862



88.4570, -33.2563, 26.7862

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.



40.9420, -15.7474, -35.9061



51.5430, 33.2563, -26.7862



54.7430, -26.9883, 23.0274

Square

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



51.5430, 33.2563, -26.7862



49.8590, -5.8465, 55.3747



51.9420, -25.6074, 0.0509



50.4550, 13.0867, -44.2490

Rectangle

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



51.5430, 33.2563, -26.7862



54.4070, 13.1103, 41.7391



51.9420, -25.6074, 0.0509



44.8520, -5.8430, -39.3352

Sweetspot

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



51.5430, 33.2563, -26.7862



129.0770, 13.2730, -10.5915



85.8220, -0.4052, -56.8489



62.4320, 8.1680, -6.5179



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



51.5430, 33.2563, -26.7862



49.4930, 52.5080, -41.6514



36.6570, 40.5951, -0.5762



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



77.8080, 84.8907, -68.2376

Inverse Universe

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



54.0640, -0.0316, 56.9489



53.8600, -0.4240, 89.5768



103.3430, -40.5951, 0.5762



55.0220, -0.0108, 3.4887



41.1520, -0.0749, 70.9037



84.3260, -0.1607, 145.2961

Previews

White Background



This preview shows how the YUV color 51.5430, 33.2563, -26.7862 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 51.5430, 33.2563, -26.7862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

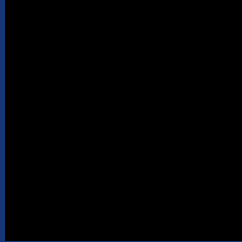
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5430, 33.2563, -26.7862

Background



This preview shows how black text looks on a background with the YUV color 51.5430, 33.2563, -26.7862.



This preview shows how white text looks on a background with the YUV color 51.5430, 33.2563, -26.7862.

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

51.5430, 33.2563, -26.7862

Protanopia

45.7370, 35.6257, -40.1113

Deuteranopia

46.2610, 27.4793, -40.5709



Tritanopia

45.3200, 11.1812, -39.7456

Trichromacy



Original Color

51.5430, 33.2563, -26.7862

Protanomaly

48.1290, 34.4464, -35.1931

Deuteranomaly

48.1630, 29.4996, -35.2230

Tritanomaly

47.5300, 19.4587, -34.6678

Monochromacy



Original Color

51.5430, 33.2563, -26.7862

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.5430, 33.2563, -26.7862 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(21, 54, 119)` looks like.

```
.text, #text, p{  
    color:rgb(21, 54, 119)  
}
```

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(21, 54, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 54, 119) }
```

Border

The CSS property to change the border of an element to YUV 51.5430, 33.2563, -26.7862 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(21, 54, 119) }
```


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

```
.border{ border-color:rgb(21, 54, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 54, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 54, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 54, 119);  
box-shadow:4px 4px 4px 4px rgb(21, 54,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 51.5430, 33.2563, -26.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 54, 119) }
```

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

```
.background{ background-color: rgb(21, 54,  
119) }
```

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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