

Converting Colors

YUV(51.8330, 26.7043,
-25.2865)

Have a look what the booklet for
YUV(51.8330, 26.7043, -25.2865)
contains.

YUV(51.8330, 26.7043, -25.2865)	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(51.8330, 26.7043,
-25.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	17386A
RGB	23, 56, 106
RGB Percent	9%, 22%, 42%
CMY	0.9098, 0.7804, 0.5843
CMYK	0.78, 0.47, 0.00, 0.58
HSL	216°, 64%, 25%
HSV	216°, 78%, 42%
XYZ	4.3690, 4.0511, 14.1873
YIQ	51.8330, -35.7180, 8.5540

Conversions

Conversions Part 2

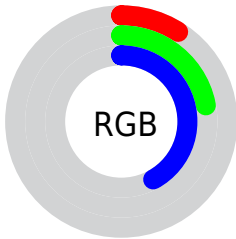
Format	Color
R_{YB}	23, 47, 106
Decimal	1521770
CIE _{Lab}	23.84, 7.39, -32.70
CIE _{LCh}	24, 33.528, 282.728
Y _{xy}	4.0511, 0.1933, 0.1792
Android (android.graphics.Color)	4279711850 (0xFF17386A)
Y _{UV}	51.8330, 26.7043, -25.2865
Hunter-Lab	20.1274, 3.5240, -27.7030

Details

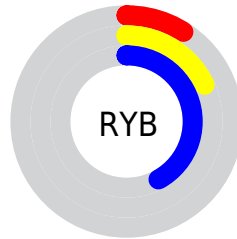
The YUV color **51.8330, 26.7043, -25.2865** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77.1670, -26.7043, 25.2865**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5070, 27.8510, -19.7386**, and **14.2430, 21.5722, -12.4911** is the 20% darker color. If you saturate the color by 10%, you get **45.0220, 30.0622, -28.9603**, and if you desaturate by 10%, it is **58.6440, 23.3465, -21.6128**.

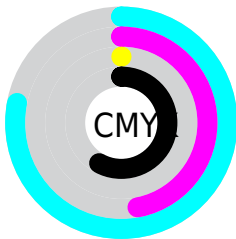
Distribution



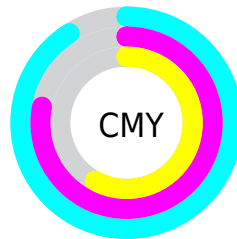
- Red (9%)
- Green (22%)
- Blue (42%)



- Red (9%)
- Yellow (18%)
- Blue (42%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8330, 26.7043, -25.2865 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 51.8330, 26.7043, -25.2865 by changing the saturation by 10% instead.

■ 51.8330, 26.7043,
-25.2865

■ 51.8330, 26.7043,
-25.2865

■ 255.0000, 0.0000,
0.0000

■ 29.7790, 25.2520,
-26.1162

■ 101.5070, 27.8510,
-19.7386

■ 14.2430, 21.5722,
-12.4911

■ 127.3330, 28.4298,
-18.7090

■ 5.2780, 15.1459,
-4.6288

■ 153.8600, 29.1560,
-18.2942

■ 1.3680, 5.2416,
-1.1997

■ 180.9740, 29.5928,
-18.3942

■ 0.0000, 0.0000,
0.0000

■ 206.7910, 23.7670,
-16.4797

■ 232.4850, 11.0999,

-13.5803

252.3090, 1.3267,
-5.5330

51.8330, 26.7043,
-25.2865

51.8330, 26.7043,
-25.2865

45.0220, 30.0622,
-28.9603

58.6440, 23.3465,
-21.6128

37.9230, 33.5620,
-31.5045

65.7430, 19.8467,
-19.0686

36.7380, 34.1462,
-32.2192

72.5540, 16.4889,
-15.3949

79.6530, 12.9891,
-12.8507

86.4640, 9.6312,
-9.1769

■ 93.2750, 6.2734,
-5.5032

■ 100.3740, 2.7736,
-2.9590

■ 107.1850, -0.5842,
0.7148

■ 113.6970, -3.7946,
3.7737

Harmonies

Analogous

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



49.5380, 27.3428, -43.4448



51.8330, 26.7043, -25.2865



58.3600, 17.5705, 11.0853

Triad

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



51.8330, 26.7043, -25.2865



54.9200, -15.2436, 36.0272



44.5900, -1.7699, -39.1054

Complementary

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



51.8330, 26.7043, -25.2865



77.1670, -26.7043, 25.2865

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.



49.3620, -15.9545, -16.1035



51.8330, 26.7043, -25.2865



53.9110, -25.0991, 23.7571

Square

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



51.8330, 26.7043, -25.2865



54.6400, -3.7665, 41.5347



52.2740, -25.7711, 5.8987



48.1410, 9.2975, -42.2197

Rectangle

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



51.8330, 26.7043, -25.2865



58.0370, 10.8278, 27.1546



52.2740, -25.7711, 5.8987



42.9770, -5.4117, -37.6908

Sweetspot

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



51.8330, 26.7043, -25.2865



117.2790, 10.2155, -9.8917



77.4210, -2.1796, -47.7272



56.2750, 6.2734, -5.5032



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



51.8330, 26.7043, -25.2865



53.3440, 41.7354, -39.7667



34.8540, 35.0750, -3.3800



49.8580, 2.0420, -1.6295



40.9270, 37.5040, -35.8930



84.8690, 78.9446, -74.4301

Inverse Universe

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



51.5790, 2.1796, 47.7272



52.7980, 3.5506, 74.7222



94.1460, -35.0750, 3.3800



50.0220, -0.0108, 3.4887



40.3410, 3.2829, 67.2299



84.3130, 6.2547, 140.9225

Previews

White Background



This preview shows how the YUV color 51.8330, 26.7043, -25.2865 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 51.8330, 26.7043, -25.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

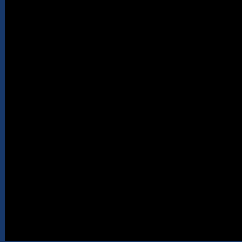
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.8330, 26.7043, -25.2865

Background



This preview shows how black text looks on a background with the YUV color 51.8330, 26.7043, -25.2865.



This preview shows how white text looks on a background with the YUV color 51.8330, 26.7043,

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

51.8330, 26.7043, -25.2865

Protanopia

53.5240, 25.3777, -19.7535

Deuteranopia

45.6740, 27.7687, -40.0561



Tritanopia

44.7330, 11.4706, -39.2308

Trichromacy



Original Color

51.8330, 26.7043, -25.2865

Protanomaly

52.6270, 25.8199, -21.5979

Deuteranomaly

47.5930, 27.3157, -34.7231

Tritanomaly

46.9600, 17.2747, -34.1679

Monochromacy



Original Color

51.8330, 26.7043, -25.2865

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.5780, 10.0680, -9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8330, 26.7043, -25.2865 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(23, 56, 106)` looks like.

```
.text, #text, p{  
    color:rgb(23, 56, 106)  
}
```

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(23, 56, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 56, 106) }
```

Border

The CSS property to change the border of an element to YUV 51.8330, 26.7043, -25.2865 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(23, 56, 106) }
```


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

```
.border{ border-color:rgb(23, 56, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 56, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 56, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 56, 106);  
box-shadow:4px 4px 4px 4px rgb(23, 56,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 51.8330, 26.7043, -25.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 56, 106) }
```

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

```
.background{ background-color: rgb(23, 56,  
106) }
```

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