

Converting Colors

YUV(57.3930, 23.9633,
-32.7937)

Have a look what the booklet for
YUV(57.3930, 23.9633, -32.7937)
contains.

YUV(57.3930, 23.9633, -32.7937)	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(57.3930, 23.9633,
-32.7937)**

Conversions

Conversions Part 1

Format	Color
Hex	14436A
RGB	20, 67, 106
RGB Percent	8%, 26%, 42%
CMY	0.9216, 0.7373, 0.5843
CMYK	0.81, 0.37, 0.00, 0.58
HSL	207°, 68%, 25%
HSV	207°, 81%, 42%
XYZ	4.8972, 5.2036, 14.3820
YIQ	57.3930, -40.5310, 2.1650

Conversions

Conversions Part 2

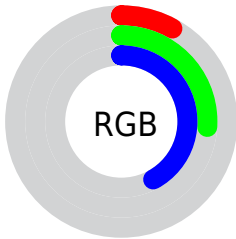
Format	Color
R_{YB}	20, 50, 106
Decimal	1327978
CIE _{Lab}	27.31, -0.62, -27.19
CIE _{LCh}	27, 27.194, 268.704
Yxy	5.2036, 0.2000, 0.2125
Android (android.graphics.Color)	4279518058 (0xFF14436A)
YUV	57.3930, 23.9633, -32.7937
Hunter-Lab	22.8115, -1.5998, -21.4125

Details

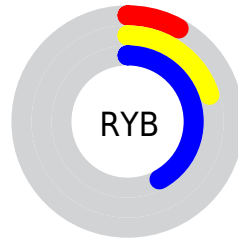
The YUV color **57.3930, 23.9633, -32.7937** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.6070, -23.9633, 32.7937**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.8390, 24.2364, -27.0458**, and **21.2870, 18.0995, -18.6687** is the 20% darker color. If you saturate the color by 10%, you get **51.1690, 27.0317, -36.9822**, and if you desaturate by 10%, it is **63.6170, 20.8948, -28.6051**.

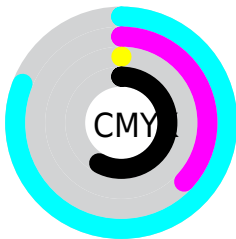
Distribution



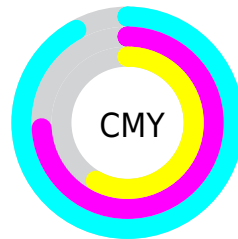
- Red (8%)
- Green (26%)
- Blue (42%)



- Red (8%)
- Yellow (20%)
- Blue (42%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)
- Black (58%)



- Cyan (92%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3930, 23.9633, -32.7937 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 57.3930, 23.9633, -32.7937 by changing the saturation by 10% instead.

■ 57.3930, 23.9633,
-32.7937

■ 57.3930, 23.9633,
-32.7937

■ 255.0000, 0.0000,
0.0000

■ 35.7630, 22.7948,
-31.3642

■ 108.8390, 24.2364,
-27.0458

■ 21.2870, 18.0995,
-18.6687

■ 134.3660, 24.9626,
-26.6310

■ 5.3920, 15.5827,
-4.7288

■ 160.7790, 25.2520,
-26.1162

■ 2.0690, 5.3890,
-1.8145

■ 188.5940, 25.8362,
-26.8309

■ 0.0000, 0.0000,
0.0000

■ 214.4110, 20.0104,
-24.9164

■ 240.1050, 7.3432,

-22.0171

251.7110, 1.6215,
-6.7625

57.3930, 23.9633,
-32.7937

57.3930, 23.9633,
-32.7937

51.1690, 27.0317,
-36.9822

63.6170, 20.8948,
-28.6051

46.1300, 29.5159,
-40.4560

69.5420, 17.9738,
-25.0313

75.1790, 15.1948,
-20.3280

81.1040, 12.2737,
-16.7542

87.3280, 9.2053,
-12.5657

■ 93.5520, 6.1369,
-8.3771

■ 99.4770, 3.2158,
-4.8033

■ 105.1140, 0.4368,
-0.1000

■ 111.0390, -2.4842,
3.4738

Harmonies

Analogous

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



53.6640, 22.8436, -47.0633



57.3930, 23.9633, -32.7937



65.2830, 17.6085, -1.1252

Triad

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



57.3930, 23.9633, -32.7937



64.5050, -9.1230, 32.8831



56.3100, -7.0548, -23.9509

Complementary

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



57.3930, 23.9633, -32.7937



68.6070, -23.9633, 32.7937

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.



60.2110, -16.8660, -3.6930



57.3930, 23.9633, -32.7937



63.3980, -16.9582, 25.9610

Square

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



57.3930, 23.9633, -32.7937



65.6110, 0.1918, 31.9132



62.3980, -20.4092, 12.8060



51.2070, 5.8139, -44.9085

Rectangle

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



57.3930, 23.9633, -32.7937



66.7040, 12.4709, 13.4146



62.3980, -20.4092, 12.8060



58.3280, -11.0077, -16.0737

Sweetspot

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



57.3930, 23.9633, -32.7937



119.3280, 9.2053, -12.5657



74.9280, -7.8525, -48.1719



57.7370, 5.5527, -7.6623



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.



57.3930, 23.9633, -32.7937



62.1270, 37.4054, -50.9774



32.1520, 36.4071, -10.6573



50.4450, 1.7526, -2.1443



50.9060, 32.5843, -44.6446



106.5880, 68.2371, -93.4777

Inverse Universe

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



51.0720, 7.8525, 48.1719



52.3880, 12.1337, 75.0817



93.8480, -36.4071, 10.6573



50.1360, 0.4260, 3.3887



42.2790, 10.7085, 65.5303



88.5310, 22.4162, 137.2233

Previews

White Background



This preview shows how the YUV color 57.3930, 23.9633, -32.7937 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 57.3930, 23.9633, -32.7937 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 57.3930, 23.9633, -32.7937

Background



This preview shows how black text looks on a background with the YUV color 57.3930, 23.9633, -32.7937.



This preview shows how white text looks on a background with the YUV color 57.3930, 23.9633, -32.7937.

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

57.3930, 23.9633, -32.7937

Protanopia

63.6730, 19.3882, -11.9912

Deuteranopia

61.4160, 22.4729, -21.4128



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

57.3930, 23.9633, -32.7937

Protanomaly

61.0850, 21.1571, -19.3685

Deuteranomaly

60.2090, 23.0680, -25.6163

Tritanomaly

53.2150, 17.1490, -40.5306

Monochromacy



Original Color

57.3930, 23.9633, -32.7937

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.5130, 8.6211, -11.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3930, 23.9633, -32.7937 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(20, 67, 106)` looks like.

```
.text, #text, p{  
    color:rgb(20, 67, 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(20, 67, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 67, 106) }
```

Border

The CSS property to change the border of an element to YUV 57.3930, 23.9633, -32.7937 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(20, 67, 106) }
```


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

```
.border{ border-color:rgb(20, 67, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 67, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 67, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 67, 106);  
box-shadow:4px 4px 4px 4px rgb(20, 67,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 57.3930, 23.9633, -32.7937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 67, 106) }
```

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

```
.background{ background-color: rgb(20, 67,  
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](#).

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