

Converting Colors

YUV(57.2640, 19.5898,
-30.0495)

Have a look what the booklet for
YUV(57.2640, 19.5898, -30.0495)
contains.

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Color

**YUV(57.2640, 19.5898,
-30.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	174361
RGB	23, 67, 97
RGB Percent	9%, 26%, 38%
CMY	0.9098, 0.7373, 0.6196
CMYK	0.76, 0.31, 0.00, 0.62
HSL	204°, 62%, 24%
HSV	204°, 76%, 38%
XYZ	4.5182, 5.0595, 12.0477
YIQ	57.2640, -35.8540, 0.0020

Conversions

Conversions Part 2

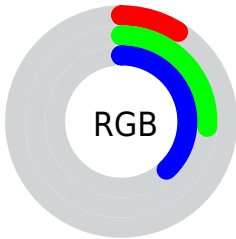
Format	Color
R_{YB}	23, 51, 97
Decimal	1524577
CIE _{Lab}	26.90, -3.80, -22.04
CIE _{LCh}	27, 22.370, 260.207
Yxy	5.0595, 0.2089, 0.2340
Android (android.graphics.Color)	4279714657 (0xFF174361)
YUV	57.2640, 19.5898, -30.0495
Hunter-Lab	22.4934, -3.5088, -16.0110

Details

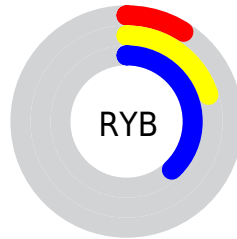
The YUV color **57.2640, 19.5898, -30.0495** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62.7360, -19.5898, 30.0495**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4000, 20.0158, -26.6608**, and **20.3750, 14.6051, -17.8689** is the 20% darker color. If you saturate the color by 10%, you get **51.9260, 22.2215, -34.1381**, and if you desaturate by 10%, it is **62.6020, 16.9582, -25.9610**.

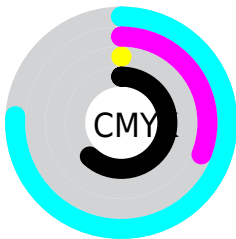
Distribution



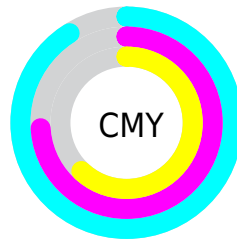
- Red (9%)
- Green (26%)
- Blue (38%)



- Red (9%)
- Yellow (20%)
- Blue (38%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.2640, 19.5898, -30.0495 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 57.2640, 19.5898, -30.0495 by changing the saturation by 10% instead.

■ 57.2640, 19.5898,
-30.0495

■ 57.2640, 19.5898,
-30.0495

■ 255.0000, 0.0000,
0.0000

■ 34.7370, 18.8637,
-30.4643

■ 107.4000, 20.0158,
-26.6608

■ 20.3750, 14.6051,
-17.8689

■ 132.8130, 20.3052,
-26.1460

■ 4.4800, 12.0884,
-3.9290

■ 159.9270, 20.7420,
-26.2460

■ 0.0000, 0.0000,
0.0000

■ 187.0410, 21.1788,
-26.3460

■ 214.6990, 19.8684,
-26.0460

■ 239.5070, 7.6380,

-23.2466

251.1130, 1.9163,
-7.9921

57.2640, 19.5898,
-30.0495

57.2640, 19.5898,
-30.0495

51.9260, 22.2215,
-34.1381

62.6020, 16.9582,
-25.9610

46.8870, 24.7057,
-37.6119

67.6410, 14.4740,
-22.4872

45.1040, 25.5847,
-39.5562

72.9790, 11.8424,
-18.3986

78.3170, 9.2107,
-14.3100

83.6550, 6.5791,
-10.2214

■ 88.6940, 4.0949,
-6.7476

■ 94.0320, 1.4632,
-2.6591

■ 98.7830, -0.8790,
1.9443

■ 103.8220, -3.3632,
5.4181

Harmonies

Analogous

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



51.8230, 18.3283, -45.4488



57.2640, 19.5898, -30.0495



63.7940, 15.8776, -5.9583

Triad

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



57.2640, 19.5898, -30.0495



64.0960, -5.4703, 27.9798



58.6210, -8.6872, -13.6996

Complementary

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



57.2640, 19.5898, -30.0495



62.7360, -19.5898, 30.0495

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.



61.1130, -14.8457, 1.6549



57.2640, 19.5898, -30.0495



63.8260, -12.7322, 23.8316

Square

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



57.2640, 19.5898, -30.0495



65.1370, 2.3975, 24.4359



62.8480, -16.1941, 14.1653



53.5460, 1.7028, -32.9278

Rectangle

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



57.2640, 19.5898, -30.0495



65.5460, 12.0558, 6.5372



62.8480, -16.1941, 14.1653



59.6710, -11.1768, -8.4815

Sweetspot

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



57.2640, 19.5898, -30.0495



109.2850, 7.7475, -11.6509



69.8580, -8.3110, -41.0945



54.5090, 4.6791, -7.4624



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



57.2640, 19.5898, -30.0495



63.0260, 30.5532, -46.5038



35.5450, 30.2973, -11.0020



45.6300, 1.1684, -1.4295



52.0970, 29.5322, -45.6891



111.3010, 63.4486, -97.6110

Inverse Universe

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



50.1420, 8.3110, 41.0945



52.1370, 12.7505, 63.9009



84.4550, -30.2973, 11.0020



45.4240, 0.2840, 2.2592



41.1260, 12.7559, 62.1565



88.0620, 27.0844, 133.2496

Previews

White Background



This preview shows how the YUV color 57.2640, 19.5898, -30.0495 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 57.2640, 19.5898, -30.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

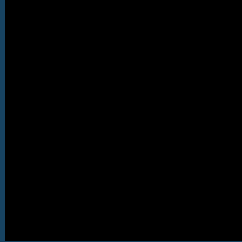
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.2640, 19.5898, -30.0495

Background



This preview shows how black text looks on a background with the YUV color 57.2640, 19.5898, -30.0495.



This preview shows how white text looks on a background with the YUV color 57.2640, 19.5898,

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

57.2640, 19.5898, -30.0495

Protanopia

63.4300, 14.5780, -9.1471

Deuteranopia

61.9070, 17.7938, -13.9504



Tritanopia

50.3410, 12.6499, -44.1491

Trichromacy



Original Color

57.2640, 19.5898, -30.0495

Protanomaly

60.8420, 16.3469, -16.5244

Deuteranomaly

60.1020, 18.6837, -19.3835

Tritanomaly

53.0580, 15.2544, -39.5159

Monochromacy



Original Color

57.2640, 19.5898, -30.0495

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.4700, 7.1633, -10.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.2640, 19.5898, -30.0495 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, 67, 97)` looks like.

```
.text, #text, p{  
    color:rgb(23, 67, 97)  
}
```

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, 67, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 67, 97) }
```

Border

The CSS property to change the border of an element to YUV 57.2640, 19.5898, -30.0495 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, 67, 97) }
```


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

```
.border{ border-color:rgb(23, 67, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 67, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 67, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 67, 97);  
box-shadow:4px 4px 4px 4px rgb(23, 67, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.2640, 19.5898, -30.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 67, 97) }
```

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

```
.background{ background-color: rgb(23, 67,  
97) }
```

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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