

Converting Colors

YUV(53.9730, 31.0723,
-26.2863)

Have a look what the booklet for
YUV(53.9730, 31.0723, -26.2863)
contains.

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Color

**YUV(53.9730, 31.0723,
-26.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	183975
RGB	24, 57, 117
RGB Percent	9%, 22%, 46%
CMY	0.9059, 0.7765, 0.5412
CMYK	0.79, 0.51, 0.00, 0.54
HSL	219°, 66%, 28%
HSV	219°, 79%, 46%
XYZ	5.0507, 4.4048, 17.4136
YIQ	53.9730, -38.9280, 11.6640

Conversions

Conversions Part 2

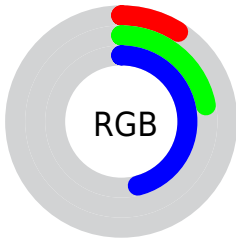
Format	Color
R_{YB}	24, 48, 117
Decimal	1587573
CIE _{Lab}	24.97, 11.40, -37.93
CIE _{LCh}	25, 39.603, 286.725
Yxy	4.4048, 0.1880, 0.1639
Android (android.graphics.Color)	4279777653 (0xFF183975)
YUV	53.9730, 31.0723, -26.2863
Hunter-Lab	20.9876, 6.2280, -34.5022

Details

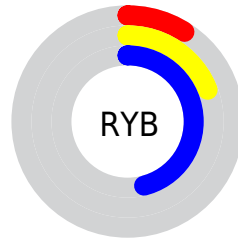
The YUV color **53.9730, 31.0723, -26.2863** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **87.0270, -31.0723, 26.2863**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.6580, 32.2136, -18.9941**, and **16.5570, 25.3614, -14.5205** is the 20% darker color. If you saturate the color by 10%, you get **45.6890, 35.1563, -29.5453**, and if you desaturate by 10%, it is **62.2570, 26.9883, -23.0274**.

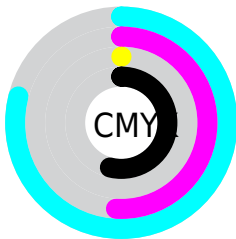
Distribution



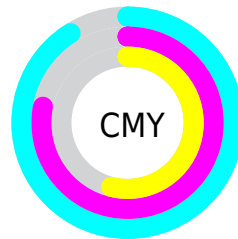
- Red (9%)
- Green (22%)
- Blue (46%)



- Red (9%)
- Yellow (19%)
- Blue (46%)



- Cyan (79%)
- Magenta (51%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9730, 31.0723, -26.2863 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 53.9730, 31.0723, -26.2863 by changing the saturation by 10% instead.

■ 53.9730, 31.0723,
-26.2863

■ 53.9730, 31.0723,
-26.2863

■ 255.0000, 0.0000,
0.0000

■ 31.6200, 29.7673,
-27.7307

■ 104.6580, 32.2136,
-18.9941

■ 16.5570, 25.3614,
-14.5205

■ 130.4840, 32.7924,
-17.9645

■ 6.8910, 18.7877,
-6.0434

■ 157.0110, 33.5186,
-17.5496

■ 3.3230, 10.1938,
-2.9143

■ 184.5380, 34.2448,
-17.1348

■ 0.0000, 0.0000,
0.0000

■ 209.4600, 22.4512,
-14.4354

■ 234.5670, 10.0735,

-11.0213

253.8040, 0.5896,
-2.4591

■ 53.9730, 31.0723,
-26.2863

■ 53.9730, 31.0723,
-26.2863

■ 45.6890, 35.1563,
-29.5453

■ 62.2570, 26.9883,
-23.0274

■ 38.2910, 38.8035,
-32.7042

■ 69.6550, 23.3411,
-19.8684

■ 37.9920, 38.9509,
-33.3190

■ 77.9390, 19.2571,
-16.6095

■ 85.6360, 15.4625,
-12.8358

■ 93.6210, 11.5258,
-10.1916

■ 101.3180, 7.7312,
-6.4179

■ 109.6020, 3.6472,
-3.1590

■ 117.2990, -0.1474,
0.6148

■ 125.2840, -4.0840,
3.2589

Harmonies

Analogous

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



52.7810, 32.1530, -46.2889



53.9730, 31.0723, -26.2863



60.9740, 19.7328, 17.5628

Triad

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



53.9730, 31.0723, -26.2863



55.5140, -19.4804, 41.6452



47.2800, -1.6170, -41.4646

Complementary

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



53.9730, 31.0723, -26.2863



87.0270, -31.0723, 26.2863

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.



47.4810, -16.5061, -25.8548



53.9730, 31.0723, -26.2863



56.2270, -27.7199, 24.3569

Square

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



53.9730, 31.0723, -26.2863



54.3530, -5.1040, 50.5564



54.0240, -26.6338, 2.6100



51.5150, 12.0711, -45.1787

Rectangle

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



53.9730, 31.0723, -26.2863



58.7330, 11.9636, 36.1912



54.0240, -26.6338, 2.6100



45.5530, -5.6956, -39.9500

Sweetspot

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



53.9730, 31.0723, -26.2863



127.8490, 12.3994, -10.3916



85.3170, -1.1423, -53.7750



61.3180, 7.7312, -6.4179



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



53.9730, 31.0723, -26.2863



54.4670, 48.5768, -40.7516



38.1900, 38.8533, -1.9206



54.8580, 2.0420, -1.6295



39.1490, 40.8455, -34.3337



80.7430, 83.4437, -70.8116

Inverse Universe

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



55.5690, 0.7055, 53.8750



57.1690, 0.9027, 84.0438



102.8100, -38.8533, 1.9206



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.8960, 2.0233, 144.7962

Previews

White Background



This preview shows how the YUV color 53.9730, 31.0723, -26.2863 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 53.9730, 31.0723, -26.2863 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 53.9730, 31.0723, -26.2863

Background



This preview shows how black text looks on a background with the YUV color 53.9730, 31.0723, -26.2863.



This preview shows how white text looks on a background with the YUV color 53.9730, 31.0723,

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

53.9730, 31.0723, -26.2863

Protanopia

53.0760, 31.5145, -28.1307

Deuteranopia

47.8910, 28.6477, -42.0004



Tritanopia

46.7220, 11.4761, -40.9752

Trichromacy



Original Color

53.9730, 31.0723, -26.2863

Protanomaly

53.3750, 31.3671, -27.5159

Deuteranomaly

50.4510, 29.3577, -36.3525

Tritanomaly

49.5900, 18.4431, -35.5974

Monochromacy



Original Color

53.9730, 31.0723, -26.2863

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9730, 31.0723, -26.2863 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(24, 57, 117)` looks like.

```
.text, #text, p{  
    color:rgb(24, 57, 117)  
}
```

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(24, 57, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 57, 117) }
```

Border

The CSS property to change the border of an element to YUV 53.9730, 31.0723, -26.2863 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(24, 57, 117) }
```


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

```
.border{ border-color:rgb(24, 57, 117) }
```

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

Here you see how a box with a 4 pixel rgb(24, 57, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 57, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 57, 117);  
box-shadow:4px 4px 4px 4px rgb(24, 57,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 53.9730, 31.0723, -26.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 57, 117) }
```

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

```
.background{ background-color: rgb(24, 57,  
117) }
```

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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