

Converting Colors

YUV(51.6530, 9.5381, -26.0057)

Have a look what the booklet for
YUV(51.6530, 9.5381, -26.0057)
contains.

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Color

**YUV(51.6530, 9.5381,
-26.0057)**

Conversions

Conversions Part 1

Format	Color
Hex	163F47
RGB	22, 63, 71
RGB Percent	9%, 25%, 28%
CMY	0.9137, 0.7529, 0.7216
CMYK	0.69, 0.11, 0.00, 0.72
HSL	190°, 53%, 18%
HSV	190°, 69%, 28%
XYZ	3.2457, 4.1805, 6.5971
YIQ	51.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

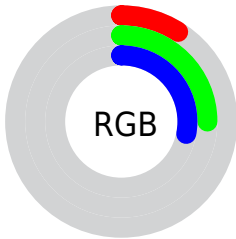
Format	Color
R_YB	22, 44, 71
Decimal	1457991
CIE Lab	24.26, -11.32, -9.14
CIE LCh	24, 14.546, 218.927
Yxy	4.1805, 0.2315, 0.2981
Android (android.graphics.Color)	4279648071 (0xFF163F47)
YUV	51.6530, 9.5381, -26.0057
Hunter-Lab	20.4463, -7.4454, -4.8177

Details

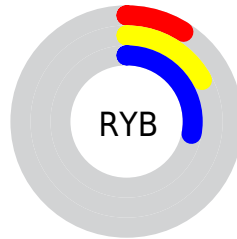
The YUV color **51.6530, 9.5381, -26.0057** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41.3470, -9.5381, 26.0057**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2510, 9.2433, -24.7761**, and **15.5190, 6.1531, -13.6102** is the 20% darker color. If you saturate the color by 10%, you get **48.9730, 10.8593, -29.7943**, and if you desaturate by 10%, it is **54.3330, 8.2168, -22.2170**.

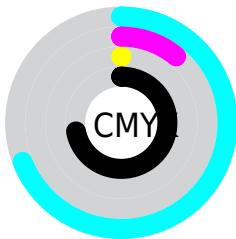
Distribution



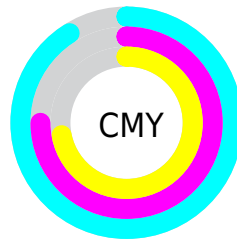
- Red (9%)
- Green (25%)
- Blue (28%)



- Red (9%)
- Yellow (17%)
- Blue (28%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (72%)



- Cyan (91%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.6530, 9.5381, -26.0057 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 51.6530, 9.5381, -26.0057 by changing the saturation by 10% instead.

■ 51.6530, 9.5381,
-26.0057

■ 51.6530, 9.5381,
-26.0057

■ 255.0000, 0.0000,
0.0000

■ 29.6530, 9.5381,
-26.0057

■ 100.2510, 9.2433,
-24.7761

■ 15.5190, 6.1531,
-13.6102

■ 125.3650, 9.6801,
-24.8761

■ 0.0000, 0.0000,
0.0000

■ 151.1800, 10.2643,
-25.5909

■ 178.1800, 10.2643,
-25.5909

■ 205.8810, 10.4117,
-26.2056

■ 234.4680, 10.1223,

-26.7204

■ 248.1230, 3.3904,
-14.1399

■ 51.6530, 9.5381,
-26.0057

■ 51.6530, 9.5381,
-26.0057

■ 48.9730, 10.8593,
-29.7943

■ 54.3330, 8.2168,
-22.2170

■ 46.2930, 12.1806,
-33.5830

■ 57.0130, 6.8956,
-18.4284

■ 43.6130, 13.5018,
-37.3716

■ 59.6930, 5.5744,
-14.6398

■ 42.7270, 13.9386,
-37.4716

■ 62.9600, 3.9637,
-11.3659

■ 65.9390, 2.4951,
-6.9625

■ 68.6190, 1.1738,
-3.1739

■ 71.2990, -0.1474,
0.6148

■ 73.9790, -1.4686,
4.4034

■ 76.6590, -2.7899,
8.1921

Harmonies

Analogous

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



52.2960, 4.2911, -23.0616



51.6530, 9.5381, -26.0057



54.2670, 11.7004, -19.5282

Triad

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



51.6530, 9.5381, -26.0057



59.5870, 3.1616, 12.6402



56.6880, -10.1992, 4.6586

Complementary

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



51.6530, 9.5381, -26.0057



41.3470, -9.5381, 26.0057

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.



57.5580, -9.6421, 12.6656



51.6530, 9.5381, -26.0057



58.6540, -1.8014, 17.8434

Square

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



51.6530, 9.5381, -26.0057



59.0850, 7.8461, 3.4335



58.2750, -7.0376, 17.2988



55.3170, -7.5513, -4.6630

Rectangle

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



51.6530, 9.5381, -26.0057



56.4960, 11.0945, -11.8360



58.2750, -7.0376, 17.2988



57.2970, -10.4994, 7.6325

Sweetspot

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



51.6530, 9.5381, -26.0057



84.5580, 3.6689, -10.1364



51.5610, -11.1226, -25.9250



41.2380, 2.3477, -6.3477



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



51.6530, 9.5381, -26.0057



61.6450, 14.9650, -40.0307



37.5650, 16.4835, -13.6505



34.2170, 0.8790, -1.9443



60.0070, 19.2235, -52.6261



137.4080, 44.1689, -120.5068

Inverse Universe

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



41.3250, 10.6858, 26.0250



45.9060, 16.3153, 40.4244



55.4350, -16.4835, 13.6505



33.5380, 0.7208, 2.1592



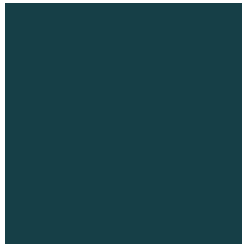
39.0630, 21.6609, 52.5647



89.5330, 49.5302, 120.5586

Previews

White Background



This preview shows how the YUV color 51.6530, 9.5381, -26.0057 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 51.6530, 9.5381, -26.0057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

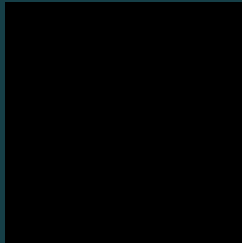
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

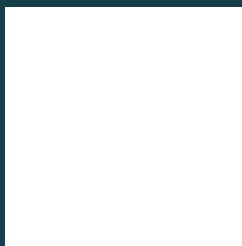
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.6530, 9.5381, -26.0057

Background



This preview shows how black text looks on a background with the YUV color 51.6530, 9.5381, -26.0057.



This preview shows how white text looks on a background with the YUV color 51.6530, 9.5381, -26.0057.

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

51.6530, 9.5381, -26.0057

Protanopia

57.8410, 4.5154, -1.6146

Deuteranopia

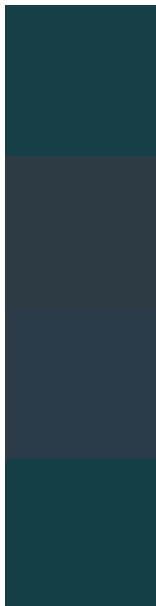
57.8240, 6.9888, -1.5996



Tritanopia

51.1260, 8.8119, -26.4205

Trichromacy



Original Color

51.6530, 9.5381, -26.0057

Protanomaly

55.5410, 6.1423, -10.1215

Deuteranomaly

55.9970, 7.8895, -10.5214

Tritanomaly

51.2400, 9.2487, -26.5205

Monochromacy



Original Color

51.6530, 9.5381, -26.0057

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8570, 3.5215, -9.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.6530, 9.5381, -26.0057 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(22, 63, 71)` looks like.

```
.text, #text, p{  
    color:rgb(22, 63, 71)  
}
```

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(22, 63, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 63, 71) }
```

Border

The CSS property to change the border of an element to YUV 51.6530, 9.5381, -26.0057 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(22, 63, 71) }
```


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

```
.border{ border-color:rgb(22, 63, 71) }
```

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

Here you see how a box with a 4 pixel rgb(22, 63, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 63, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 63, 71);  
box-shadow:4px 4px 4px 4px rgb(22, 63, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.6530, 9.5381, -26.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 63, 71) }
```

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

```
.background{ background-color: rgb(22, 63,  
71) }
```

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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