

Converting Colors

YUV(47.6260, 10.5374,
-19.8430)

Have a look what the booklet for
YUV(47.6260, 10.5374, -19.8430)
contains.

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Color

**YUV(47.6260, 10.5374,
-19.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	193745
RGB	25, 55, 69
RGB Percent	10%, 22%, 27%
CMY	0.9020, 0.7843, 0.7294
CMYK	0.64, 0.20, 0.00, 0.73
HSL	199°, 47%, 18%
HSV	199°, 64%, 27%
XYZ	2.8413, 3.3687, 6.1307
YIQ	47.6260, -22.3740, -2.0060

Conversions

Conversions Part 2

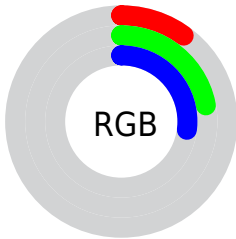
Format	Color
RYB	25, 43, 69
Decimal	1652549
CIELab	21.46, -6.31, -12.06
CIELCh	21, 13.612, 242.405
Yxy	3.3687, 0.2302, 0.2730
Android (android.graphics.Color)	4279842629 (0xFF193745)
YUV	47.6260, 10.5374, -19.8430
Hunter-Lab	18.3541, -4.4873, -6.9564

Details

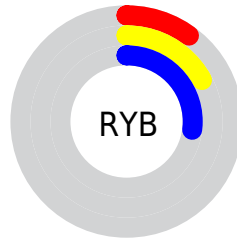
The YUV color **47.6260, 10.5374, -19.8430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.3740, -10.5374, 19.8430**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.0390, 10.8268, -19.3282**, and **9.4210, 8.1734, -8.2622** is the 20% darker color. If you saturate the color by 10%, you get **44.3590, 12.1480, -23.1168**, and if you desaturate by 10%, it is **50.8930, 8.9268, -16.5692**.

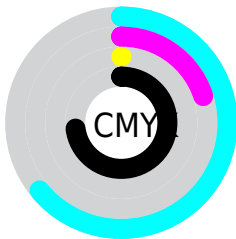
Distribution



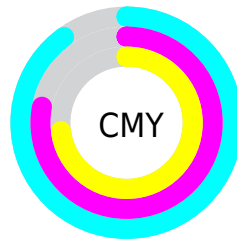
- Red (10%)
- Green (22%)
- Blue (27%)



- Red (10%)
- Yellow (17%)
- Blue (27%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)
- Black (73%)



- Cyan (90%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6260, 10.5374, -19.8430 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 47.6260, 10.5374, -19.8430 by changing the saturation by 10% instead.

■ 47.6260, 10.5374,
-19.8430

■ 47.6260, 10.5374,
-19.8430

■ 255.0000, 0.0000,
0.0000

■ 25.3160, 10.6902,
-22.2021

■ 95.0390, 10.8268,
-19.3282

■ 9.4210, 8.1734,
-8.2622

■ 120.1530, 11.2636,
-19.4282

■ 0.0000, 0.0000,
0.0000

■ 145.8540, 11.4110,
-20.0430

■ 172.3810, 12.1372,
-19.6281

■ 200.0820, 12.2846,
-20.2429

■ 227.7830, 12.4320,

-20.8577

■ 248.4220, 3.2430,
-13.5251

■ 47.6260, 10.5374,
-19.8430

■ 47.6260, 10.5374,
-19.8430

■ 44.3590, 12.1480,
-23.1168

■ 50.8930, 8.9268,
-16.5692

■ 41.0920, 13.7586,
-26.3907

■ 54.1600, 7.3161,
-13.2953

■ 37.2380, 15.6587,
-29.1497

■ 58.0140, 5.4161,
-10.5363

■ 35.4550, 16.5377,
-31.0940

■ 61.2810, 3.8055,
-7.2624

■ 64.2490, 2.3422,
-4.6034

■ 67.5160, 0.7316,
-1.3295

■ 70.7830, -0.8790,
1.9443

■ 74.6370, -2.7790,
4.7034

■ 77.9040, -4.3897,
7.9772

Harmonies

Analogous

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



45.9090, 7.9329, -24.4762



47.6260, 10.5374, -19.8430



50.2790, 10.2155, -9.8917

Triad

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



47.6260, 10.5374, -19.8430



52.8710, -0.9224, 15.8991



49.6270, -7.7041, -2.3039

Complementary

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



47.6260, 10.5374, -19.8430



46.3740, -10.5374, 19.8430

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.



50.8130, -9.7678, 6.3030



47.6260, 10.5374, -19.8430



52.3180, -5.5798, 16.3841

Square

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



47.6260, 10.5374, -19.8430



52.8040, 4.0406, 10.6959



51.7860, -8.7685, 12.4657



48.1250, -3.0196, -11.5106

Rectangle

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



47.6260, 10.5374, -19.8430



51.9810, 8.8834, -2.6143



51.7860, -8.7685, 12.4657



50.1220, -8.4411, 0.7700

Sweetspot

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



47.6260, 10.5374, -19.8430



80.9820, 3.9529, -7.8772



52.4240, -6.6180, -24.0508



40.9500, 2.4896, -5.2182



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.



47.6260, 10.5374, -19.8430



55.7540, 16.3903, -30.4793



34.7120, 16.9040, -8.5174



34.2170, 0.8790, -1.9443



51.2020, 23.5644, -44.9042



116.8630, 54.2975, -102.4889

Inverse Universe

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



41.5760, 6.6180, 24.0508



46.5760, 10.0690, 37.2058



59.2880, -16.9040, 8.5174



33.5380, 0.7208, 2.1592



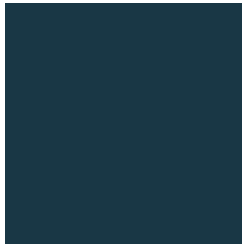
37.3530, 15.1090, 54.0644



85.5430, 34.2423, 124.0578

Previews

White Background



This preview shows how the YUV color 47.6260, 10.5374, -19.8430 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 47.6260, 10.5374, -19.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

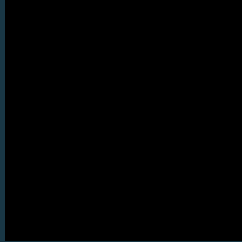
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

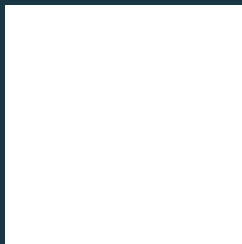
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.6260, 10.5374, -19.8430

Background



This preview shows how black text looks on a background with the YUV color 47.6260, 10.5374, -19.8430.



This preview shows how white text looks on a background with the YUV color 47.6260, 10.5374,

-19.8430.

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

47.6260, 10.5374, -19.8430

Protanopia

51.8130, 6.9942, -3.3440

Deuteranopia

51.6710, 9.0362, -4.9735



Tritanopia

46.1050, 7.3432, -22.0171

Trichromacy



Original Color

47.6260, 10.5374, -19.8430

Protanomaly

50.1220, 8.3209, -8.8770

Deuteranomaly

49.8660, 9.9261, -10.4065

Tritanomaly

46.7460, 8.5062, -21.7022

Monochromacy



Original Color

47.6260, 10.5374, -19.8430

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2810, 3.8055, -7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6260, 10.5374, -19.8430 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(25, 55, 69)` looks like.

```
.text, #text, p{  
    color:rgb(25, 55, 69)  
}
```

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(25, 55, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 55, 69) }
```

Border

The CSS property to change the border of an element to YUV 47.6260, 10.5374, -19.8430 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(25, 55, 69) }
```


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

```
.border{ border-color:rgb(25, 55, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 55, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 55, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 55, 69);  
box-shadow:4px 4px 4px 4px rgb(25, 55, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6260, 10.5374, -19.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 55, 69) }
```

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

```
.background{ background-color: rgb(25, 55,  
69) }
```

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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