

Converting Colors

YUV(61.0050, 15.7735,
-19.2984)

Have a look what the booklet for
YUV(61.0050, 15.7735, -19.2984)
contains.

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Color

**YUV(61.0050, 15.7735,
-19.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	27425D
RGB	39, 66, 93
RGB Percent	15%, 26%, 36%
CMY	0.8471, 0.7412, 0.6353
CMYK	0.58, 0.29, 0.00, 0.64
HSL	210°, 41%, 26%
HSV	210°, 58%, 36%
XYZ	4.7607, 5.1181, 11.0929
YIQ	61.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

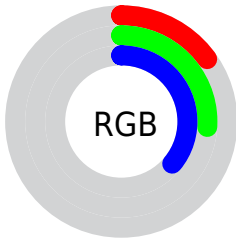
Format	Color
R_{YB}	39, 57, 93
Decimal	2572893
CIE Lab	27.07, -1.33, -19.15
CIE LCh	27, 19.200, 266.025
Yxy	5.1181, 0.2270, 0.2440
Android (android.graphics.Color)	4280762973 (0xFF27425D)
YUV	61.0050, 15.7735, -19.2984
Hunter-Lab	22.6232, -2.0280, -13.2357

Details

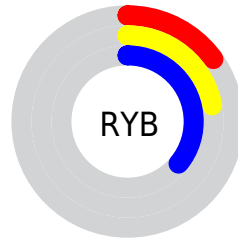
The YUV color **61.0050, 15.7735, -19.2984** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70.9950, -15.7735, 19.2984**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8310, 16.3523, -18.2688**, and **19.4460, 13.5841, -17.0541** is the 20% darker color. If you saturate the color by 10%, you get **55.3790, 18.5472, -22.2574**, and if you desaturate by 10%, it is **66.6310, 12.9999, -16.3394**.

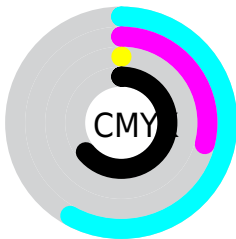
Distribution



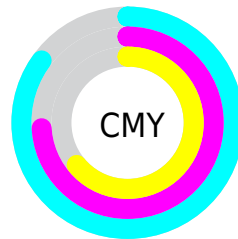
- Red (15%)
- Green (26%)
- Blue (36%)



- Red (15%)
- Yellow (22%)
- Blue (36%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (64%)



- Cyan (85%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0050, 15.7735, -19.2984 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 61.0050, 15.7735, -19.2984 by changing the saturation by 10% instead.

■ 61.0050, 15.7735,
-19.2984

■ 61.0050, 15.7735,
-19.2984

■ 255.0000, 0.0000,
0.0000

■ 37.2820, 15.6370,
-22.1723

■ 109.8310, 16.3523,
-18.2688

■ 19.4460, 13.5841,
-17.0541

■ 135.0590, 17.2259,
-18.4687

■ 3.5510, 11.0674,
-3.1142

■ 161.1730, 17.6627,
-18.5687

■ 0.0000, 0.0000,
0.0000

■ 188.8740, 17.8101,
-19.1835

■ 216.4010, 18.5363,
-18.7687

■ 241.9100, 6.4534,

-16.5841

254.1030, 0.4422,
-1.8443

■ 61.0050, 15.7735,
-19.2984

■ 61.0050, 15.7735,
-19.2984

■ 55.3790, 18.5472,
-22.2574

■ 66.6310, 12.9999,
-16.3394

■ 50.0410, 21.1788,
-26.3460

■ 71.9690, 10.3683,
-12.2508

■ 44.4150, 23.9524,
-29.3050

■ 77.5950, 7.5947,
-9.2918

■ 38.7890, 26.7260,
-32.2640

■ 83.2210, 4.8210,
-6.3328

■ 38.1910, 27.0208,
-33.4935

■ 88.5590, 2.1894,
-2.2442

■ 94.1850, -0.5842,
0.7148

■ 99.8110, -3.3578,
3.6738

■ 104.8500, -5.8420,
7.1476

■ 110.7750, -8.7631,
10.7213

Harmonies

Analogous

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



54.4110, 16.5594, -38.0714



61.0050, 15.7735, -19.2984



64.9040, 12.3723, -1.6698

Triad

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



61.0050, 15.7735, -19.2984



64.5470, -6.1857, 24.0763



59.3050, -6.0664, -14.2995

Complementary

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



61.0050, 15.7735, -19.2984



70.9950, -15.7735, 19.2984

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.



61.4870, -12.0721, -1.3041



61.0050, 15.7735, -19.2984



64.0320, -11.8478, 20.1429

Square

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



61.0050, 15.7735, -19.2984



65.9580, 0.5137, 21.9618



62.6950, -14.1466, 10.7915



56.0950, 2.4182, -29.0243

Rectangle

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



61.0050, 15.7735, -19.2984



65.4600, 9.1402, 8.3666



62.6950, -14.1466, 10.7915



60.0560, -8.4086, -9.6961

Sweetspot

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



61.0050, 15.7735, -19.2984



107.8510, 5.9895, -7.7623



73.7760, -3.8336, -30.4986



53.8900, 3.5052, -4.2885



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.0050, 15.7735, -19.2984



70.2300, 24.5366, -30.0197



45.1560, 23.5871, -5.3988



43.3310, 1.3158, -2.0443



44.8250, 32.1313, -39.3115



96.8710, 69.0836, -84.9559

Inverse Universe

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



58.2240, 3.8336, 30.4986



65.9040, 5.9633, 47.4422



86.8440, -23.5871, 5.3988



42.8370, 0.5734, 2.7740



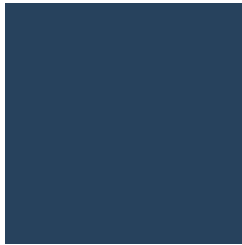
39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Previews

White Background



This preview shows how the YUV color 61.0050, 15.7735, -19.2984 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 61.0050, 15.7735, -19.2984 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

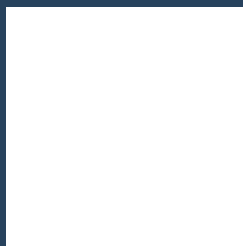
Any Text WCAG AAA × Fail

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

YUV 61.0050, 15.7735, -19.2984 Background



This preview shows how black text looks on a background with the YUV color 61.0050, 15.7735, -19.2984.



This preview shows how white text looks on a background with the YUV color 61.0050, 15.7735,

-19.2984.

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

61.0050, 15.7735, -19.2984

Protanopia

63.6860, 12.9728, -7.6176

Deuteranopia

62.9460, 15.3096, -10.4766



Tritanopia

58.6210, 8.0748, -23.3466

Trichromacy



Original Color

61.0050, 15.7735, -19.2984

Protanomaly

62.5930, 14.0047, -11.9211

Deuteranomaly

62.3370, 15.6099, -13.4505

Tritanomaly

59.7290, 10.9796, -21.6873

Monochromacy



Original Color

61.0050, 15.7735, -19.2984

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1500, 5.8421, -7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0050, 15.7735, -19.2984 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(39, 66, 93)` looks like.

```
.text, #text, p{  
    color:rgb(39, 66, 93)  
}
```

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(39, 66, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 66, 93) }
```

Border

The CSS property to change the border of an element to YUV 61.0050, 15.7735, -19.2984 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(39, 66, 93) }
```


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

```
.border{ border-color:rgb(39, 66, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 66, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 66, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 66, 93);  
box-shadow:4px 4px 4px 4px rgb(39, 66, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0050, 15.7735, -19.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 66, 93) }
```

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

```
.background{ background-color: rgb(39, 66,  
93) }
```

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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