

Converting Colors

YUV(61.4270, 2.2545, -23.1765)

Have a look what the booklet for
YUV(61.4270, 2.2545, -23.1765)
contains.

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Color

**YUV(61.4270, 2.2545,
-23.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	234A42
RGB	35, 74, 66
RGB Percent	14%, 29%, 26%
CMY	0.8627, 0.7098, 0.7412
CMYK	0.53, 0.00, 0.11, 0.71
HSL	168°, 36%, 21%
HSV	168°, 53%, 29%
XYZ	4.1253, 5.6482, 6.0270
YIQ	61.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

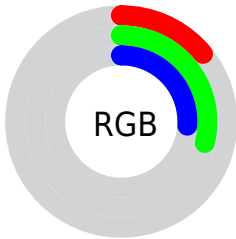
Format	Color
R_{YB}	35, 57, 74
Decimal	2312770
CIE _{Lab}	28.51, -16.13, 0.51
CIE _{LCh}	29, 16.134, 178.172
Yxy	5.6482, 0.2611, 0.3575
Android (android.graphics.Color)	4280502850 (0xFF234A42)
YUV	61.4270, 2.2545, -23.1765
Hunter-Lab	23.7660, -10.6066, 1.6003

Details

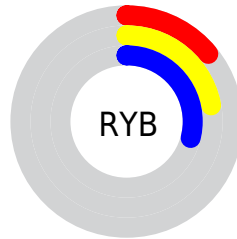
The YUV color **61.4270, 2.2545, -23.1765** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.5730, -2.2545, 23.1765**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0140, 1.9651, -23.6913**, and **20.2320, 1.3646, -17.7435** is the 20% darker color. If you saturate the color by 10%, you get **59.1060, 2.4127, -27.2800**, and if you desaturate by 10%, it is **63.7480, 2.0962, -19.0730**.

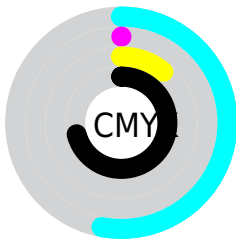
Distribution



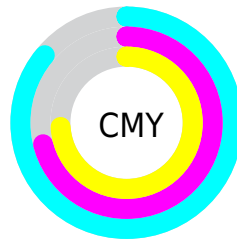
- Red (14%)
- Green (29%)
- Blue (26%)



- Red (14%)
- Yellow (22%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (11%)
- Black (71%)



- Cyan (86%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4270, 2.2545, -23.1765 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 61.4270, 2.2545, -23.1765 by changing the saturation by 10% instead.

61.4270, 2.2545,
-23.1765

61.4270, 2.2545,
-23.1765

255.0000, 0.0000,
0.0000

37.9430, 2.9861,
-24.5060

110.0140, 1.9651,
-23.6913

20.2320, 1.3646,
-17.7435

135.6010, 1.6757,
-24.2061

0.0000, 0.0000,
0.0000

162.3020, 1.8231,
-24.8209

189.0030, 1.9705,
-25.4356

217.0030, 1.9705,
-25.4356

242.6550, 3.1281,

-23.3764

251.7110, 1.6215,
-6.7625

61.4270, 2.2545,
-23.1765

61.4270, 2.2545,
-23.1765

59.1060, 2.4127,
-27.2800

63.7480, 2.0962,
-19.0730

56.6000, 3.1552,
-32.0982

66.2540, 1.3538,
-14.2548

54.2790, 3.3135,
-36.2017

68.5750, 1.1955,
-10.1513

51.7730, 4.0559,
-41.0199

71.0810, 0.4531,
-5.3330

50.1640, 4.3561,
-43.9938

73.4020, 0.2948,
-1.2296

■ 75.6090, -0.3002,
2.9739

■ 78.2290, -0.6059,
7.6922

■ 80.4360, -1.2009,
11.8956

■ 83.0560, -1.5066,
16.6139

Harmonies

Analogous

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



63.6580, -4.7614, -12.8551



61.4270, 2.2545, -23.1765



60.2180, 9.2595, -30.0092

Triad

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



61.4270, 2.2545, -23.1765



68.0460, 10.3303, -0.0403



67.7650, -10.2371, 16.8691

Complementary

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



61.4270, 2.2545, -23.1765



47.5730, -2.2545, 23.1765

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.



68.5250, -6.1748, 20.5876



61.4270, 2.2545, -23.1765



68.9720, 5.9298, 11.4256

Square

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



61.4270, 2.2545, -23.1765



65.9410, 12.8471, -13.9803



69.0070, -0.4965, 19.2879



66.5530, -12.1046, 9.1620

Rectangle

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



61.4270, 2.2545, -23.1765



61.2120, 11.7275, -28.2499



69.0070, -0.4965, 19.2879



68.0040, -9.3690, 18.4135

Sweetspot

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



61.4270, 2.2545, -23.1765



91.8740, 1.0481, -9.5365



60.2850, -12.4655, -15.1589



45.1950, 0.8899, -5.4330



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



61.4270, 2.2545, -23.1765



77.2790, 3.3135, -36.2017



55.8820, 8.9322, -18.3135



36.6900, 0.1528, -2.3591



69.1080, 5.8628, -60.6077



155.7580, 12.9373, -136.5998

Inverse Universe

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



47.5730, -2.2545, 23.1765



55.6070, -3.7503, 36.3017



53.1180, -8.9322, 18.3135



35.3100, -0.1528, 2.3591



32.8920, -5.8628, 60.6077



74.1280, -13.3741, 136.6997

Previews

White Background



This preview shows how the YUV color 61.4270, 2.2545, -23.1765 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 61.4270, 2.2545, -23.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

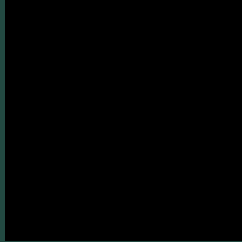
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4270, 2.2545, -23.1765

Background



This preview shows how black text looks on a background with the YUV color 61.4270, 2.2545, -23.1765.



This preview shows how white text looks on a background with the YUV color 61.4270, 2.2545, -23.1765.

-23.1765.

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

61.4270, 2.2545, -23.1765

Protanopia

67.0280, -2.4788, 1.7294

Deuteranopia

67.7340, 0.1311, 4.6183



Tritanopia

62.8170, 7.4852, -20.8875

Trichromacy



Original Color

61.4270, 2.2545, -23.1765

Protanomaly

65.3150, -1.1413, -7.2923

Deuteranomaly

65.1950, 0.8899, -5.4330

Tritanomaly

62.6490, 5.5960, -21.6172

Monochromacy



Original Color

61.4270, 2.2545, -23.1765

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.4720, 0.7533, -8.3069

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4270, 2.2545, -23.1765 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(35, 74, 66)` looks like.

```
.text, #text, p{  
    color:rgb(35, 74, 66)  
}
```

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(35, 74, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 74, 66) }
```

Border

The CSS property to change the border of an element to YUV 61.4270, 2.2545, -23.1765 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(35, 74, 66) }
```


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

```
.border{ border-color:rgb(35, 74, 66) }
```

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

Here you see how a box with a 4 pixel rgb(35, 74, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 74, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 74, 66);  
box-shadow:4px 4px 4px 4px rgb(35, 74, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.4270, 2.2545, -23.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 74, 66) }
```

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

```
.background{ background-color: rgb(35, 74,  
66) }
```

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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