

Converting Colors

YUV(61.5160, 51.0176,
-30.2705)

Have a look what the booklet for
YUV(61.5160, 51.0176, -30.2705)
contains.

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Color

**YUV(61.5160, 51.0176,
-30.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3BA5
RGB	27, 59, 165
RGB Percent	11%, 23%, 65%
CMY	0.8941, 0.7686, 0.3529
CMYK	0.84, 0.64, 0.00, 0.35
HSL	226°, 72%, 38%
HSV	226°, 84%, 65%
XYZ	8.8075, 6.0776, 36.3062
YIQ	61.5160, -53.0980, 26.1820

Conversions

Conversions Part 2

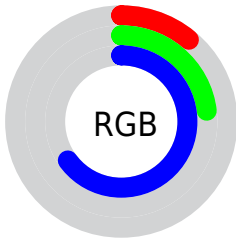
Format	Color
R_{YB}	27, 53, 165
Decimal	1784741
CIE _{Lab}	29.61, 29.68, -60.05
CIE _{LCh}	30, 66.987, 296.297
Yxy	6.0776, 0.1721, 0.1187
Android (android.graphics.Color)	4279974821 (0xFF1B3BA5)
YUV	61.5160, 51.0176, -30.2705
Hunter-Lab	24.6527, 20.6292, -70.0599

Details

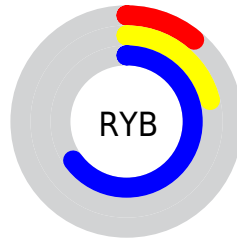
The YUV color **61.5160, 51.0176, -30.2705** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **130.4840, -51.0176, 30.2705**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7180, 51.4110, -16.4157**, and **23.9210, 43.4229, -20.9787** is the 20% darker color. If you saturate the color by 10%, you get **48.8020, 57.2856, -34.0294**, and if you desaturate by 10%, it is **73.9310, 44.8970, -27.1265**.

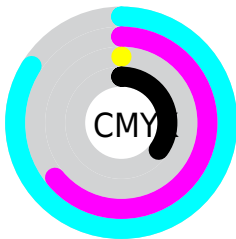
Distribution



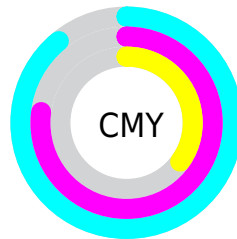
- Red (11%)
- Green (23%)
- Blue (65%)



- Red (11%)
- Yellow (21%)
- Blue (65%)



- Cyan (84%)
- Magenta (64%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (77%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5160, 51.0176, -30.2705 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 61.5160, 51.0176, -30.2705 by changing the saturation by 10% instead.

■ 61.5160, 51.0176,
-30.2705

■ 61.5160, 51.0176,
-30.2705

■ 255.0000, 0.0000,
0.0000

■ 38.0380, 49.2813,
-33.3593

■ 116.7180, 51.4110,
-16.4157

■ 23.9210, 43.4229,
-20.9787

■ 143.3700, 52.5686,
-14.3565

■ 9.9180, 38.0014,
-8.6981

■ 168.1720, 42.8062,
-9.7978

■ 10.5900, 25.3451,
-9.2874

■ 192.6920, 30.7178,
-5.8689

■ 6.3210, 16.6037,
-5.5435

■ 218.0980, 18.1927,
-1.8399

■ 2.5250, 7.1362,
-2.2144

■ 243.5040, 5.6675,

■ 0.0000, 0.0000,

2.1890

0.0000

■ 61.5160, 51.0176,
-30.2705

■ 61.5160, 51.0176,
-30.2705

■ 48.8020, 57.2856,
-34.0294

■ 73.9310, 44.8970,
-27.1265

■ 41.1160, 61.0748,
-36.0587

■ 86.0580, 38.9184,
-22.8529

■ 98.4730, 32.7978,
-19.7088

■ 111.1870, 26.5298,
-15.9500

■ 123.0150, 20.6986,
-12.2912

■ 135.7290, 14.4306,
-8.5323

■ 148.1440, 8.3100,
-5.3883

■ 160.2710, 2.3314,
-1.1147

■ 172.6860, -3.7892,
2.0294

Harmonies

Analogous

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



66.4370, 54.0146, -58.2652



61.5160, 51.0176, -30.2705



59.7010, 34.1644, 55.5132

Triad

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



61.5160, 51.0176, -30.2705



61.4640, -30.3018, 59.2291



59.3110, 1.3257, -52.0157

Complementary

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



61.5160, 51.0176, -30.2705



130.4840, -51.0176, 30.2705

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.



50.4820, -24.8876, -44.2727



61.5160, 51.0176, -30.2705



66.2500, -32.6613, 22.5828

Square

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



61.5160, 51.0176, -30.2705



48.6400, -10.1755, 90.6467



58.9200, -29.0476, -16.5928



65.9400, 24.1866, -57.8294

Rectangle

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



61.5160, 51.0176, -30.2705



54.8970, 20.2638, 80.7743



58.9200, -29.0476, -16.5928



56.5580, -6.6841, -49.6014

Sweetspot

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



61.5160, 51.0176, -30.2705



174.0860, 19.6776, -11.4764



120.0900, 6.3646, -81.6399



82.7570, 11.9518, -6.8029



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



61.5160, 51.0176, -30.2705



53.7460, 79.0052, -47.1352



53.7950, 54.8241, 8.9498



75.2000, 3.3524, -1.9294



36.4880, 53.4964, -32.0000



4.4000, 6.7048, -3.8588

Inverse Universe

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



71.9100, -6.3646, 81.6399



69.6860, -9.7052, 126.5634



138.2050, -54.8241, -8.9498



75.9190, -0.4531, 5.3330



47.2310, -6.5229, 85.7434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 61.5160, 51.0176, -30.2705 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 61.5160, 51.0176, -30.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

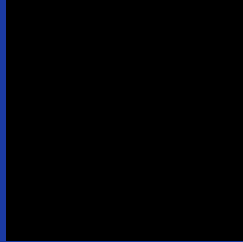
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5160, 51.0176, -30.2705

Background



This preview shows how black text looks on a background with the YUV color 61.5160, 51.0176, -30.2705.



This preview shows how white text looks on a background with the YUV color 61.5160, 51.0176,

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

61.5160, 51.0176, -30.2705

Protanopia

55.5170, 42.6361, -48.6884

Deuteranopia

56.0580, 32.0164, -49.1629



Tritanopia

54.5470, 13.5343, -47.8377

Trichromacy



Original Color

61.5160, 51.0176, -30.2705

Protanomaly

57.6580, 45.5246, -41.7961

Deuteranomaly

57.9370, 38.9781, -42.0407

Tritanomaly

56.8480, 27.1899, -41.0857

Monochromacy



Original Color

61.5160, 51.0176, -30.2705

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7440, 18.3672, -11.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5160, 51.0176, -30.2705 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(27, 59, 165)` looks like.

```
.text, #text, p{  
    color:rgb(27, 59, 165)  
}
```

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(27, 59, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 59, 165) }
```

Border

The CSS property to change the border of an element to YUV 61.5160, 51.0176, -30.2705 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(27, 59, 165) }
```


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

```
.border{ border-color:rgb(27, 59, 165) }
```

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

Here you see how a box with a 4 pixel rgb(27, 59, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 59, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 59, 165);  
box-shadow:4px 4px 4px 4px rgb(27, 59,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 61.5160, 51.0176, -30.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 59, 165) }
```

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

```
.background{ background-color: rgb(27, 59,  
165) }
```

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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