

Converting Colors

YUV(61.8560, 21.7630,
-27.0607)

Have a look what the booklet for
YUV(61.8560, 21.7630, -27.0607)
contains.

YUV(61.8560, 21.7630, -27.0607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.8560, 21.7630,
-27.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	1F456A
RGB	31, 69, 106
RGB Percent	12%, 27%, 42%
CMY	0.8784, 0.7294, 0.5843
CMYK	0.71, 0.35, 0.00, 0.58
HSL	210°, 55%, 27%
HSV	210°, 71%, 42%
XYZ	5.2947, 5.5882, 14.4352
YIQ	61.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

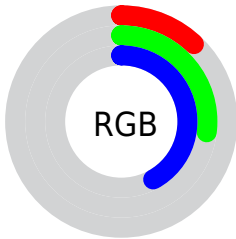
Format	Color
R_{YB}	31, 56, 106
Decimal	2049386
CIE _{Lab}	28.35, -0.20, -25.52
CIE _{LCh}	28, 25.518, 269.551
Yxy	5.5882, 0.2091, 0.2207
Android (android.graphics.Color)	4280239466 (0xFF1F456A)
YUV	61.8560, 21.7630, -27.0607
Hunter-Lab	23.6393, -1.3884, -19.6577

Details

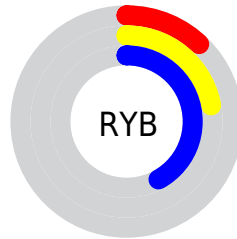
The YUV color **61.8560, 21.7630, -27.0607** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.1440, -21.7630, 27.0607**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1060, 22.6257, -23.7720**, and **21.8740, 17.8101, -19.1835** is the 20% darker color. If you saturate the color by 10%, you get **55.6320, 24.8314, -31.2493**, and if you desaturate by 10%, it is **68.0800, 18.6946, -22.8722**.

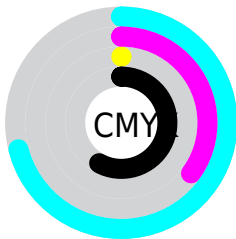
Distribution



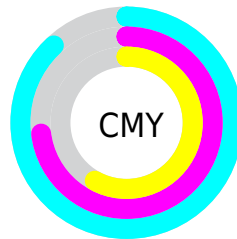
- Red (12%)
- Green (27%)
- Blue (42%)



- Red (12%)
- Yellow (22%)
- Blue (42%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8560, 21.7630, -27.0607 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 61.8560, 21.7630, -27.0607 by changing the saturation by 10% instead.

■ 61.8560, 21.7630,
-27.0607

■ 61.8560, 21.7630,
-27.0607

■ 255.0000, 0.0000,
0.0000

■ 36.9370, 22.2161,
-32.3937

■ 112.1060, 22.6257,
-23.7720

■ 21.8740, 17.8101,
-19.1835

■ 137.6330, 23.3519,
-23.3571

■ 5.3920, 15.5827,
-4.7288

■ 164.6330, 23.3519,
-23.3571

■ 2.0690, 5.3890,
-1.8145

■ 191.8610, 24.2255,
-23.5571

■ 0.0000, 0.0000,
0.0000

■ 218.2650, 18.1104,
-22.1574

■ 243.6600, 5.5906,

-19.8728

253.5050, 0.7370,
-3.0739

61.8560, 21.7630,
-27.0607

61.8560, 21.7630,
-27.0607

55.6320, 24.8314,
-31.2493

68.0800, 18.6946,
-22.8722

49.7070, 27.7524,
-34.8230

74.0050, 15.7735,
-19.2984

43.7820, 30.6735,
-38.3968

80.8160, 12.4157,
-15.6246

86.7410, 9.4947,
-12.0509

92.9650, 6.4263,
-7.8623

■ 99.1890, 3.3578,
-3.6738

■ 105.7010, 0.1474,
-0.6148

■ 111.9250, -2.9210,
3.5738

■ 117.8500, -5.8420,
7.1476

Harmonies

Analogous

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



54.8380, 22.2649, -48.0929



61.8560, 21.7630, -27.0607



68.2400, 16.1507, -0.2105

Triad

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



61.8560, 21.7630, -27.0607



66.9070, -8.8282, 31.6536



59.4350, -6.6235, -22.3065

Complementary

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



61.8560, 21.7630, -27.0607



75.1440, -21.7630, 27.0607

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.



62.8520, -15.7030, -3.3782



61.8560, 21.7630, -27.0607



66.5010, -16.5160, 24.1166

Square

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



61.8560, 21.7630, -27.0607



67.6000, 0.1972, 30.1688



65.3270, -19.3882, 11.9912



52.7230, 6.5456, -46.2381

Rectangle

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



61.8560, 21.7630, -27.0607



69.1770, 11.7447, 12.9998



65.3270, -19.3882, 11.9912



60.8550, -10.2815, -15.6588

Sweetspot

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



61.8560, 21.7630, -27.0607



120.5240, 8.6157, -10.1065



79.1290, -5.9796, -42.2091



58.6340, 5.1104, -5.8180



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



61.8560, 21.7630, -27.0607



68.9710, 34.0313, -42.0706



40.1370, 32.4705, -8.0131



50.4450, 1.7526, -2.1443



47.9710, 34.0313, -42.0706



100.7180, 71.1310, -88.3297

Inverse Universe

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



57.7570, 5.5428, 42.3091



62.7090, 8.5245, 66.0302



96.8630, -32.4705, 8.0131



50.1360, 0.4260, 3.3887



41.7090, 8.5245, 66.0302



87.3910, 18.0482, 138.2231

Previews

White Background



This preview shows how the YUV color 61.8560, 21.7630, -27.0607 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 61.8560, 21.7630, -27.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

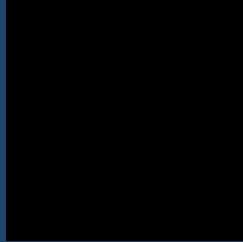
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

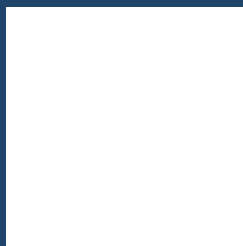
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.8560, 21.7630, -27.0607

Background



This preview shows how black text looks on a background with the YUV color 61.8560, 21.7630, -27.0607.

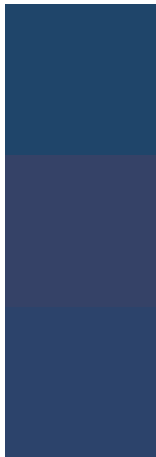


This preview shows how white text looks on a background with the YUV color 61.8560, 21.7630,

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

61.8560, 21.7630, -27.0607

Protanopia

66.3310, 18.0778, -11.6913

Deuteranopia

64.6830, 20.8623, -18.1390



Tritanopia

53.1560, 13.2341, -44.8638

Trichromacy



Original Color

61.8560, 21.7630, -27.0607

Protanomaly

64.6400, 19.4045, -17.2243

Deuteranomaly

63.7750, 21.3099, -21.7277

Tritanomaly

56.2970, 16.1226, -37.9715

Monochromacy



Original Color

61.8560, 21.7630, -27.0607

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8560, 21.7630, -27.0607 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(31, 69, 106)` looks like.

```
.text, #text, p{  
    color:rgb(31, 69, 106)  
}
```

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(31, 69, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 69, 106) }
```

Border

The CSS property to change the border of an element to YUV 61.8560, 21.7630, -27.0607 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(31, 69, 106) }
```


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

```
.border{ border-color:rgb(31, 69, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 69, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 69, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 69, 106);  
box-shadow:4px 4px 4px 4px rgb(31, 69,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 61.8560, 21.7630, -27.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 69, 106) }
```

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

```
.background{ background-color: rgb(31, 69,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor