

Converting Colors

YUV(42.6450, 21.8670,
-13.7207)

Have a look what the booklet for
YUV(42.6450, 21.8670, -13.7207)
contains.

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Color

**YUV(42.6450, 21.8670,
-13.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2A57
RGB	27, 42, 87
RGB Percent	11%, 16%, 34%
CMY	0.8941, 0.8353, 0.6588
CMYK	0.69, 0.52, 0.00, 0.66
HSL	225°, 53%, 22%
HSV	225°, 69%, 34%
XYZ	3.0003, 2.5771, 9.3561
YIQ	42.6450, -23.3850, 10.8150

Conversions

Conversions Part 2

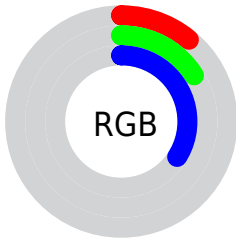
Format	Color
R_{YB}	27, 39, 87
Decimal	1780311
CIE Lab	18.26, 10.33, -29.18
CIE LCh	18, 30.955, 289.497
Yxy	2.5771, 0.2009, 0.1726
Android (android.graphics.Color)	4279970391 (0xFF1B2A57)
YUV	42.6450, 21.8670, -13.7207
Hunter-Lab	16.0532, 5.2675, -23.3180

Details

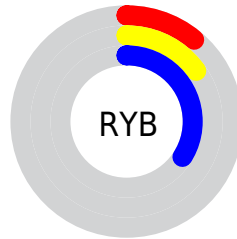
The YUV color **42.6450, 21.8670, -13.7207** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **71.3550, -21.8670, 13.7207**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0090, 23.1666, -10.5319**, and **5.2610, 17.6193, -4.6139** is the 20% darker color. If you saturate the color by 10%, you get **35.8450, 25.2194, -15.6501**, and if you desaturate by 10%, it is **49.4450, 18.5146, -11.7913**.

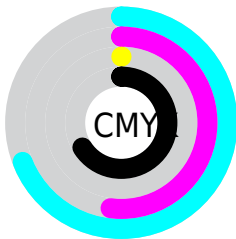
Distribution



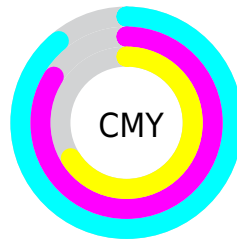
- Red (11%)
- Green (16%)
- Blue (34%)



- Red (11%)
- Yellow (15%)
- Blue (34%)



- Cyan (69%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (89%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6450, 21.8670, -13.7207 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 42.6450, 21.8670, -13.7207 by changing the saturation by 10% instead.

■ 42.6450, 21.8670,
-13.7207

■ 42.6450, 21.8670,
-13.7207

■ 255.0000, 0.0000,
0.0000

■ 20.0960, 21.1517,
-17.6242

■ 90.0090, 23.1666,
-10.5319

■ 5.2610, 17.6193,
-4.6139

■ 114.6500, 24.3296,
-10.2170

■ 2.7530, 8.0098,
-2.4144

■ 141.0630, 24.6189,
-9.7023

■ 0.0000, 0.0000,
0.0000

■ 167.2910, 25.4925,
-9.9022

■ 194.8180, 26.2187,
-9.4874

■ 220.4240, 17.0460,

-7.3878

245.5310, 4.6682,
-3.9737

42.6450, 21.8670,
-13.7207

42.6450, 21.8670,
-13.7207

35.8450, 25.2194,
-15.6501

49.4450, 18.5146,
-11.7913

29.9310, 28.1350,
-17.4795

55.3590, 15.5990,
-9.9618

23.1310, 31.4874,
-19.4089

62.1590, 12.2466,
-8.0324

22.8320, 31.6348,
-20.0237

68.3720, 9.1836,
-5.5882

75.1720, 5.8312,
-3.6588

■ 81.0860, 2.9156,
-1.8294

■ 87.8860, -0.4368,
0.1000

■ 94.0990, -3.4998,
2.5442

■ 100.6000, -6.7048,
3.8588

Harmonies

Analogous

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



38.9090, 24.6949, -34.1232



42.6450, 21.8670, -13.7207



46.0570, 13.7759, 14.8590

Triad

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



42.6450, 21.8670, -13.7207



42.2460, -16.3903, 30.4793



35.8020, 0.0976, -31.3984

Complementary

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



42.6450, 21.8670, -13.7207



71.3550, -21.8670, 13.7207

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.



35.5940, -11.1388, -20.6919



42.6450, 21.8670, -13.7207



42.6050, -21.0043, 17.0094

Square

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



42.6450, 21.8670, -13.7207



41.5640, -5.2081, 37.2164



40.7340, -20.0819, 1.1103



39.0110, 9.8546, -34.2126

Rectangle

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



42.6450, 21.8670, -13.7207



44.3530, 8.2070, 27.7544



40.7340, -20.0819, 1.1103



34.8900, -3.3968, -30.5985

Sweetspot

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



42.6450, 21.8670, -13.7207



95.1440, 8.3100, -5.3883



67.3500, 2.2925, -35.3869



45.9440, 4.9576, -3.4589



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.6450, 21.8670, -13.7207



43.1030, 33.9662, -21.1383



38.3250, 23.9968, 3.2230



40.0430, 1.4578, -0.9147



28.0470, 38.9238, -24.5972



61.4230, 85.5735, -53.8680

Inverse Universe

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



46.6500, -2.2924, 35.3870



49.4290, -3.6625, 54.8748



75.6750, -23.9968, -3.2230



40.3100, -0.1528, 2.3591



35.0710, -3.9790, 63.0817



76.9910, -8.8696, 138.5739

Previews

White Background



This preview shows how the YUV color 42.6450, 21.8670, -13.7207 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 42.6450, 21.8670, -13.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

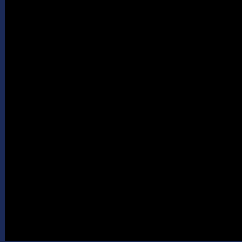
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6450, 21.8670, -13.7207

Background



This preview shows how black text looks on a background with the YUV color 42.6450, 21.8670, -13.7207.



This preview shows how white text looks on a background with the YUV color 42.6450, 21.8670,

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

42.6450, 21.8670, -13.7207

Protanopia

40.0570, 23.6359, -21.0980

Deuteranopia

36.1220, 21.6319, -31.6790

Trichromacy



Original Color

42.6450, 21.8670, -13.7207

Protanomaly

41.2530, 23.0463, -18.6389

Deuteranomaly

38.8670, 21.7576, -25.3164

Monochromacy



Original Color

42.6450, 21.8670, -13.7207

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0300, 7.8732, -5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6450, 21.8670, -13.7207 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, 42, 87)` looks like.

```
.text, #text, p{  
    color:rgb(27, 42, 87)  
}
```

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, 42, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 42, 87) }
```

Border

The CSS property to change the border of an element to YUV 42.6450, 21.8670, -13.7207 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, 42, 87) }
```

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

```
.border{ border-color:rgb(27, 42, 87) }
```

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

Here you see how a box with a 4 pixel rgb(27, 42, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 42, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 42, 87);  
box-shadow:4px 4px 4px 4px rgb(27, 42, 87)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.6450, 21.8670, -13.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 42, 87) }
```

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

```
.background{ background-color: rgb(27, 42,  
87) }
```

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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