

Converting Colors

YUV(21.6560, 62.2876, -4.9603)

Have a look what the booklet for
YUV(21.6560, 62.2876, -4.9603)
contains.

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Color

**YUV(21.6560, 62.2876,
-4.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	100094
RGB	16, 0, 148
RGB Percent	6%, 0%, 58%
CMY	0.9373, 1.0000, 0.4196
CMYK	0.89, 1.00, 0.00, 0.42
HSL	246°, 100%, 29%
HSV	246°, 100%, 58%
XYZ	5.5590, 2.2483, 28.1579
YIQ	21.6560, -37.9720, 49.4200

Conversions

Conversions Part 2

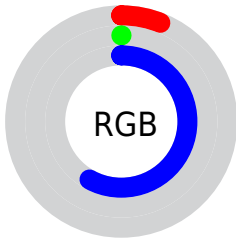
Format	Color
RYB	16, 0, 148
Decimal	1048724
CIELab	16.74, 52.96, -70.97
CIELCh	17, 88.558, 306.732
Yxy	2.2483, 0.1546, 0.0625
Android (android.graphics.Color)	4279238804 (0xFF100094)
YUV	21.6560, 62.2876, -4.9603
Hunter-Lab	14.9943, 39.9373, -100.8456

Details

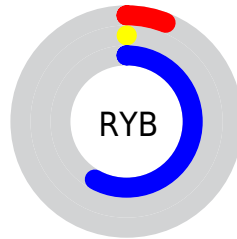
The YUV color **21.6560, 62.2876, -4.9603** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **126.3440, -62.2876, 4.9603**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3480, 59.4814, 8.4648**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **21.6560, 62.2876, -4.9603**, and if you desaturate by 10%, it is **34.3480, 56.0304, -4.6902**.

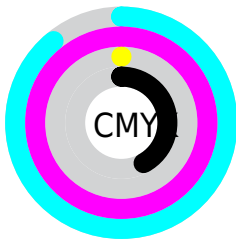
Distribution



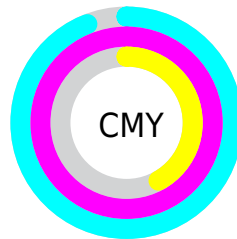
- Red (6%)
- Green (0%)
- Blue (58%)



- Red (6%)
- Yellow (0%)
- Blue (58%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.6560, 62.2876, -4.9603 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 21.6560, 62.2876, -4.9603 by changing the saturation by 10% instead.

■ 21.6560, 62.2876,
-4.9603

■ 21.6560, 62.2876,
-4.9603

■ 247.9560, 3.4727,
6.1776

■ 13.7940, 52.8526,
-12.0973

■ 83.3480, 59.4814,
8.4648

■ 10.9440, 41.9326,
-9.5979

■ 110.4840, 59.9074,
11.8535

■ 12.7900, 28.6975,
-11.2168

■ 136.4520, 58.4442,
14.5126

■ 7.7060, 19.3719,
-6.7582

■ 161.2710, 46.2084,
19.0563

■ 3.5510, 11.0674,
-3.1142

■ 186.0900, 33.9726,
23.6001

■ 0.0000, 0.0000,
0.0000

■ 210.9090, 21.7369,

28.1438

■ 230.9330, 11.8650,
21.1068

■ 21.6560, 62.2876,
-4.9603

■ 34.3480, 56.0304,
-4.6902

■ 47.0400, 49.7733,
-4.4201

■ 59.4440, 43.6581,
-3.0204

■ 72.1360, 37.4010,
-2.7503

■ 84.8280, 31.1438,
-2.4802

■ 97.5200, 24.8866,
-2.2100

■ 110.2120, 18.6295,
-1.9399

■ 122.6160, 12.5143,
-0.5402

■ 135.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



49.8870, 61.6807, -43.7509



21.6560, 62.2876, -4.9603



46.1830, 23.0808, 63.8605

Triad

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



21.6560, 62.2876, -4.9603



30.1330, -14.8556, 51.6264



40.9030, 6.9498, -35.8719

Complementary

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



21.6560, 62.2876, -4.9603



126.3440, -62.2876, 4.9603

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.



34.0460, -16.7847, -29.8583



21.6560, 62.2876, -4.9603



37.4890, -18.4821, 1.3251

Square

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



21.6560, 62.2876, -4.9603



37.0760, -18.2785, 76.2323



32.2850, -15.9165, -28.3139



50.5470, 33.7473, -44.3297

Rectangle

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



21.6560, 62.2876, -4.9603



46.5920, 2.6661, 78.4108



32.2850, -15.9165, -28.3139



37.8080, -2.3703, -33.1576

Sweetspot

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



21.6560, 62.2876, -4.9603



142.2920, 24.0130, -2.0101



94.9430, 26.1571, -83.2650



67.1860, 14.6983, -1.0401



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



21.6560, 62.2876, -4.9603



28.0530, 80.3329, -6.1855



43.4830, 51.5269, 39.9184



67.7980, 3.0576, -0.6998



20.2170, 58.0670, -4.5753



1.4390, 4.2206, -0.3850

Inverse Universe

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



59.3000, 35.8411, 77.7899



76.6030, 46.5377, 100.3262



104.5170, -51.5269, -39.9184



69.7770, 1.5889, 3.7036



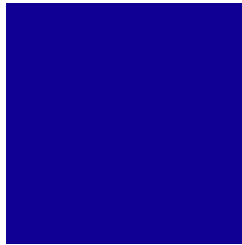
55.2840, 33.3840, 72.5419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 21.6560, 62.2876, -4.9603 looks on a white background.

Color Contrast Check

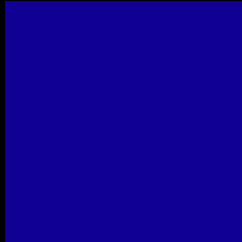
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6560, 62.2876, -4.9603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

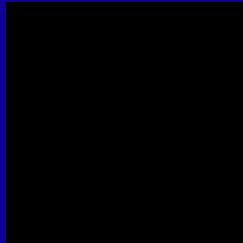
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.6560, 62.2876, -4.9603

Background



This preview shows how black text looks on a background with the YUV color 21.6560, 62.2876, -4.9603.



This preview shows how white text looks on a background with the YUV color 21.6560, 62.2876, -4.9603.

-4.9603.

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



Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.4810, 20.4689, -31.9938

Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Protanomaly

30.9980, 39.9340, -21.9232

Deuteranomaly

31.1460, 35.4240, -22.0530

Tritanomaly

30.6100, 28.2933, -21.5830

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9500, 22.7026, -1.7102

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.6560, 62.2876, -4.9603 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(16, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(16, 0, 148)  
}
```

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(16, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 0, 148) }
```

Border

The CSS property to change the border of an element to YUV 21.6560, 62.2876, -4.9603 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(16, 0, 148) }
```

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

```
.border{ border-color:rgb(16, 0, 148) }
```

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

Here you see how a box with a 4 pixel rgb(16, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(16, 0, 148)  
}
```


Background

The CSS property to change the background color of an element to YUV 21.6560, 62.2876, -4.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 0, 148) }
```

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

```
.background{ background-color: rgb(16, 0,  
148) }
```

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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