

Converting Colors

YUV(21.5660, 51.9790,
-11.8974)

Have a look what the booklet for
YUV(21.5660, 51.9790, -11.8974)
contains.

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Color

**YUV(21.5660, 51.9790,
-11.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	08087F
RGB	8, 8, 127
RGB Percent	3%, 3%, 50%
CMY	0.9686, 0.9686, 0.5020
CMYK	0.94, 0.94, 0.00, 0.50
HSL	240°, 88%, 26%
HSV	240°, 94%, 50%
XYZ	4.0177, 1.7576, 20.2062
YIQ	21.5660, -38.1990, 37.0090

Conversions

Conversions Part 2

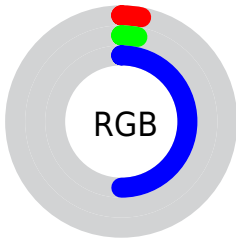
Format	Color
RYB	8, 8, 127
Decimal	526463
CIELab	14.16, 44.17, -62.08
CIElCh	14, 76.192, 305.435
Yxy	1.7576, 0.1546, 0.0676
Android (android.graphics.Color)	4278716543 (0xFF08087F)
YUV	21.5660, 51.9790, -11.8974
Hunter-Lab	13.2574, 30.8949, -81.0860

Details

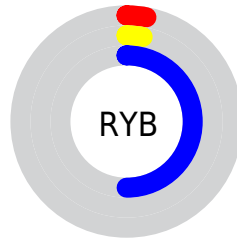
The YUV color **21.5660, 51.9790, -11.8974** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **113.4340, -51.9790, 11.8974**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6220, 50.4724, 4.7165**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **14.4780, 55.4733, -12.6972**, and if you desaturate by 10%, it is **33.0840, 46.3006, -10.5977**.

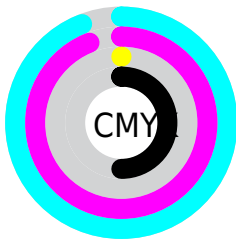
Distribution



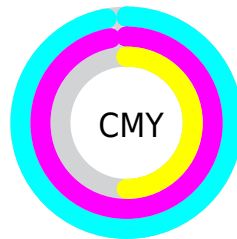
- Red (3%)
- Green (3%)
- Blue (50%)



- Red (3%)
- Yellow (3%)
- Blue (50%)



- Cyan (94%)
- Magenta (94%)
- Yellow (0%)
- Black (50%)



- Cyan (97%)
- Magenta (97%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.5660, 51.9790, -11.8974 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 21.5660, 51.9790, -11.8974 by changing the saturation by 10% instead.

■ 21.5660, 51.9790,
-11.8974

■ 21.5660, 51.9790,
-11.8974

■ 247.3690, 3.7621,
6.6924

■ 11.5140, 44.1166,
-10.0978

■ 78.6220, 50.4724,
4.7165

■ 8.6640, 33.1966,
-7.5983

■ 105.1600, 51.1931,
6.8757

■ 8.8630, 21.2665,
-7.7729

■ 131.8120, 52.3507,
8.9349

■ 4.5940, 12.5252,
-4.0289

■ 157.0960, 48.2667,
12.1938

■ 0.1140, 0.4368,
-0.1000

■ 181.6160, 36.1783,
16.1228

■ 0.0000, 0.0000,
0.0000

■ 206.4350, 23.9425,

20.6665

■ 230.3460, 12.1544,
21.6216

■ 21.5660, 51.9790,
-11.8974

■ 21.5660, 51.9790,
-11.8974

■ 14.4780, 55.4733,
-12.6972

■ 33.0840, 46.3006,
-10.5977

■ 43.7160, 41.0590,
-9.3979

■ 55.2340, 35.3806,
-8.0982

■ 66.7520, 29.7023,
-6.7985

■ 78.2700, 24.0239,
-5.4988

■ 88.9020, 18.7823,
-4.2991

■ 100.4200, 13.1039,
-2.9993

■ 111.9380, 7.4256,
-1.6996

■ 122.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



43.2870, 51.6235, -37.9627



21.5660, 51.9790, -11.8974



39.2480, 21.0767, 53.2795

Triad

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



21.5660, 51.9790, -11.8974



26.8440, -13.2341, 44.8638



35.6540, 4.6076, -31.2686

Complementary

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



21.5660, 51.9790, -11.8974



113.4340, -51.9790, 11.8974

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.



29.9370, -14.7589, -26.2547



21.5660, 51.9790, -11.8974



33.3690, -16.4509, 3.1844

Square

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



21.5660, 51.9790, -11.8974



31.9930, -15.7725, 65.7811



27.5890, -13.6014, -24.1956



43.5710, 27.3265, -38.2118

Rectangle

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



21.5660, 51.9790, -11.8974



40.0420, 3.4303, 66.6152



27.5890, -13.6014, -24.1956



32.9010, -3.4022, -28.8542

Sweetspot

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



21.5660, 51.9790, -11.8974



124.3580, 20.5295, -4.6990



91.4190, 17.5414, -73.1585



59.1920, 12.2303, -2.7994



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



21.5660, 51.9790, -11.8974



18.9240, 72.5085, -16.5963



39.5060, 43.1345, 24.9892



57.7980, 3.0576, -0.6998



14.5920, 55.9101, -12.7972



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.1470, 34.4375, 61.2611



68.5580, 48.0389, 85.4566



95.7930, -43.2819, -24.3745



59.8910, 2.0257, 3.6036



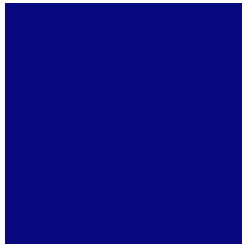
52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 21.5660, 51.9790, -11.8974 looks on a white background.

Color Contrast Check

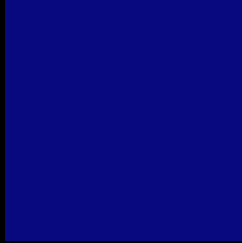
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5660, 51.9790, -11.8974 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 21.5660, 51.9790, -11.8974

Background



This preview shows how black text looks on a background with the YUV color 21.5660, 51.9790, -11.8974.



This preview shows how white text looks on a background with the YUV color 21.5660, 51.9790,

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

21.5660, 51.9790, -11.8974

Protanopia

31.3120, 23.5102, -27.4606

Deuteranopia

31.1180, 17.6898, -27.2905



Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

21.5660, 51.9790, -11.8974

Protanomaly

27.6900, 33.6768, -21.6531

Deuteranomaly

27.4790, 30.3299, -21.4681

Tritanomaly

27.0570, 23.6359, -21.0980

Monochromacy



Original Color

21.5660, 51.9790, -11.8974

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9020, 18.7823, -4.2991

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5660, 51.9790, -11.8974 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(8, 8, 127)` looks like.

```
.text, #text, p{  
    color:rgb(8, 8, 127)  
}
```

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(8, 8, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 8, 127) }
```

Border

The CSS property to change the border of an element to YUV 21.5660, 51.9790, -11.8974 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(8, 8, 127) }
```


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

```
.border{ border-color:rgb(8, 8, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 8, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 8, 127); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 8, 127); box-shadow:4px  
4px 4px 4px rgb(8, 8, 127) }
```

Background

The CSS property to change the background color of an element to YUV 21.5660, 51.9790, -11.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 8, 127) }
```

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

```
.background{ background-color: rgb(8, 8,  
127) }
```

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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