

Converting Colors

YUV(21.0990, -6.9508, -10.6108)

Have a look what the booklet for
YUV(21.0990, -6.9508, -10.6108)
contains.

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Color

**YUV(21.0990, -6.9508,
-10.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	091E07
RGB	9, 30, 7
RGB Percent	4%, 12%, 3%
CMY	0.9647, 0.8824, 0.9725
CMYK	0.70, 0.00, 0.77, 0.88
HSL	115°, 62%, 7%
HSV	115°, 77%, 12%
XYZ	0.6153, 1.0020, 0.3620
YIQ	21.0990, -5.1330, -11.6050

Conversions

Conversions Part 2

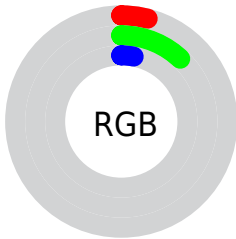
Format	Color
R_YB	7, 30, 28
Decimal	597511
CIE Lab	9.01, -13.62, 10.35
CIE LCh	9, 17.110, 142.765
Yxy	1.0020, 0.3109, 0.5062
Android (android.graphics.Color)	4278787591 (0xFF091E07)
YUV	21.0990, -6.9508, -10.6108
Hunter-Lab	10.0098, -6.5452, 4.8628

Details

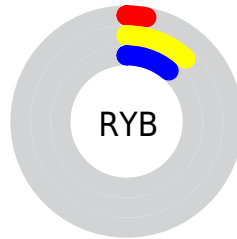
The YUV color **21.0990, -6.9508, -10.6108** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.9010, 6.9508, 10.6108**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.9140, -6.3666, -11.3256**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.8600, -7.8190, -12.1552**, and if you desaturate by 10%, it is **22.3380, -6.0826, -9.0664**.

Distribution



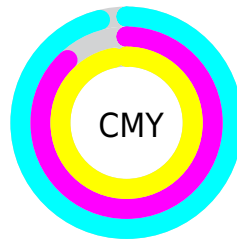
- Red (4%)
- Green (12%)
- Blue (3%)



- Red (3%)
- Yellow (12%)
- Blue (11%)



- Cyan (70%)
- Magenta (0%)
- Yellow (77%)
- Black (88%)



- Cyan (96%)
- Magenta (88%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.0990, -6.9508, -10.6108 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 21.0990, -6.9508, -10.6108 by changing the saturation by 10% instead.

■ 21.0990, -6.9508,
-10.6108

■ 21.0990, -6.9508,
-10.6108

■ 245.8000, -6.8034,
-11.2256

■ 0.0000, 0.0000,
0.0000

■ 64.9140, -6.3666,
-11.3256

■ 88.5010, -6.6560,
-11.8404

■ 113.0880, -6.9454,
-12.3552

■ 137.9740, -7.3822,
-12.2552

■ 164.5610, -7.6716,
-12.7700

■ 191.5610, -7.6716,

-12.7700

■ 219.7350, -8.2504,
-13.7996

■ 21.0990, -6.9508,
-10.6108

■ 21.0990, -6.9508,
-10.6108

■ 19.8600, -7.8190,
-12.1552

■ 22.3380, -6.0826,
-9.0664

■ 18.9200, -8.8346,
-13.0848

■ 23.2780, -5.0671,
-8.1368

■ 18.5070, -9.1240,
-13.5996

■ 24.5170, -4.1989,
-6.5924

■ 25.7560, -3.3307,
-5.0480

■ 26.9950, -2.4625,
-3.5036

■ 27.9350, -1.4470,
-2.5740

■ 29.1740, -0.5788,
-1.0296

■ 30.4130, 0.2894,
0.5148

■ 31.6520, 1.1576,
2.0592

Harmonies

Analogous

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



23.6230, -11.6461, 2.0846



21.0990, -6.9508, -10.6108



20.7050, 0.6384, -18.1583

Triad

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



21.0990, -6.9508, -10.6108



21.9080, 12.8634, -19.2133



25.2690, -4.5696, 19.0581

Complementary

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



21.0990, -6.9508, -10.6108



15.9010, 6.9508, 10.6108

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.



26.1530, 1.4036, 16.5288



21.0990, -6.9508, -10.6108



25.7250, 10.4886, -4.1438

Square

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



21.0990, -6.9508, -10.6108



22.5120, 10.1006, -19.7430



26.6620, 6.0826, 9.0664



24.0100, -11.8369, 16.6542

Rectangle

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



21.0990, -6.9508, -10.6108



22.2040, 3.8434, -19.4729



26.6620, 6.0826, 9.0664



25.2520, -2.0962, 19.0730

Sweetspot

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



21.0990, -6.9508, -10.6108



34.5820, -2.7519, -4.0184



26.2040, -9.4676, 3.3291



17.9350, -1.4470, -2.5740



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



21.0990, -6.9508, -10.6108



24.4420, -10.5709, -16.1736



21.5270, -2.7248, -12.7402



14.5870, -0.2894, -0.5148



48.4660, -23.8937, -36.3657



126.8910, -62.5573, -95.4974

Inverse Universe

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



15.9010, 6.9508, 10.6108



16.5580, 10.5709, 16.1736



15.4730, 2.7248, 12.7402



14.4130, 0.2894, 0.5148



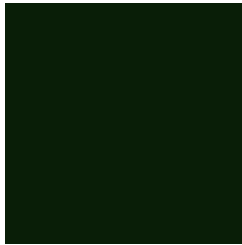
30.5340, 23.8937, 36.3657



80.1090, 62.5573, 95.4974

Previews

White Background



This preview shows how the YUV color 21.0990, -6.9508, -10.6108 looks on a white background.

Color Contrast Check

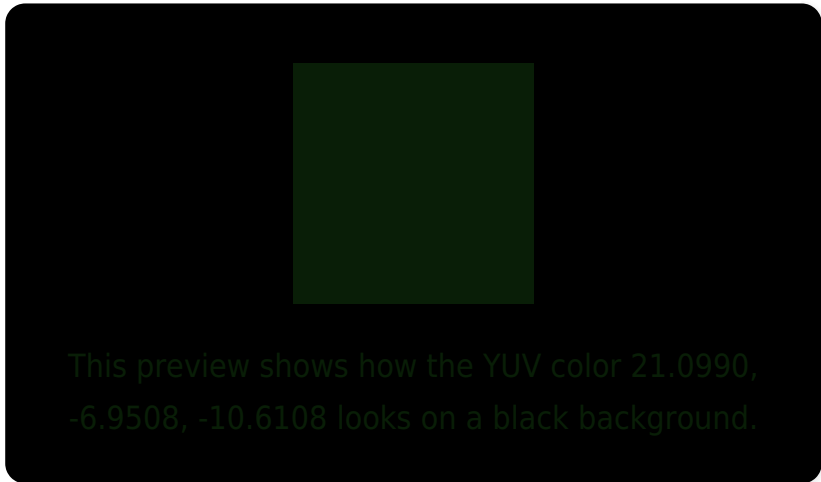
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

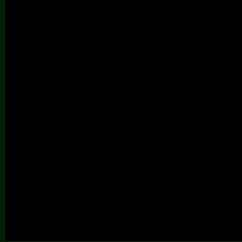
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.0990, -6.9508, -10.6108

Background



This preview shows how black text looks on a background with the YUV color 21.0990, -6.9508, -10.6108.



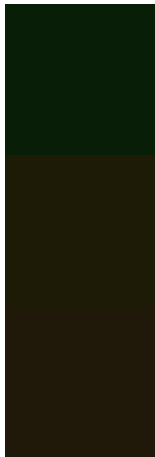
This preview shows how white text looks on a background with the YUV color 21.0990, -6.9508,

-10.6108.

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

21.0990, -6.9508, -10.6108

Protanopia

24.6170, -9.1782, 3.8439

Deuteranopia

25.2690, -8.0206, 5.9031



Tritanopia

24.3410, 2.7899, -8.1921

Trichromacy



Original Color

21.0990, -6.9508, -10.6108

Protanomaly

23.1110, -8.4357, -0.9743

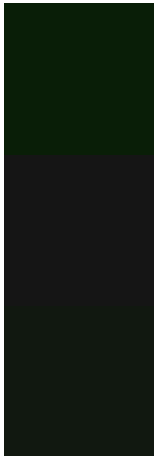
Deuteranomaly

23.9370, -7.8569, 0.0553

Tritanomaly

23.4180, -0.6991, -9.1366

Monochromacy



Original Color

21.0990, -6.9508, -10.6108

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.0990, -6.9508, -10.6108 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(9, 30, 7)` looks like.

```
.text, #text, p{  
    color:rgb(9, 30, 7)  
}
```

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(9, 30, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 30, 7) }
```

Border

The CSS property to change the border of an element to YUV 21.0990, -6.9508, -10.6108 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(9, 30, 7) }
```


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

```
.border{ border-color:rgb(9, 30, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 30, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 30, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 30, 7); box-shadow:4px  
4px 4px 4px rgb(9, 30, 7) }
```

Background

The CSS property to change the background color of an element to YUV 21.0990, -6.9508, -10.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 30, 7) }
```

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

```
.background{ background-color: rgb(9, 30,  
7) }
```

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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