

Converting Colors

YUV(21.1650, 9.7787, -9.7917)

Have a look what the booklet for
YUV(21.1650, 9.7787, -9.7917)
contains.

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Color

**YUV(21.1650, 9.7787,
-9.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1729
RGB	10, 23, 41
RGB Percent	4%, 9%, 16%
CMY	0.9608, 0.9098, 0.8392
CMYK	0.76, 0.44, 0.00, 0.84
HSL	215°, 61%, 10%
HSV	215°, 76%, 16%
XYZ	0.8318, 0.8374, 2.2156
YIQ	21.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

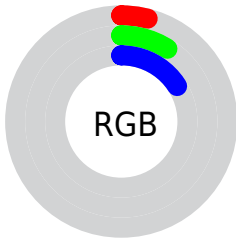
Format	Color
R_{YB}	10, 19, 41
Decimal	661289
CIE _{Lab}	7.56, 1.47, -13.97
CIE _{LCh}	8, 14.051, 276.003
Yxy	0.8374, 0.2141, 0.2156
Android (android.graphics.Color)	4278851369 (0xFF0A1729)
YUV	21.1650, 9.7787, -9.7917
Hunter-Lab	9.1511, 0.2109, -7.9493

Details

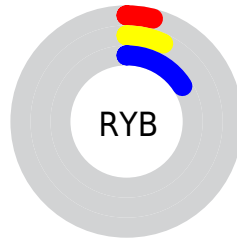
The YUV color **21.1650, 9.7787, -9.7917** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29.8350, -9.7787, 9.7917**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4040, 10.6468, -8.2473**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.7950, 10.9471, -11.2212**, and if you desaturate by 10%, it is **23.5350, 8.6102, -8.3622**.

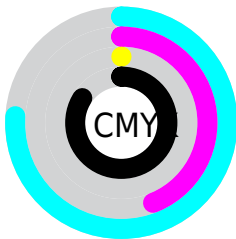
Distribution



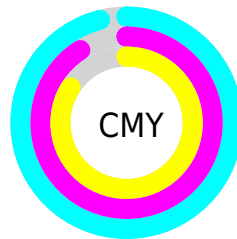
- Red (4%)
- Green (9%)
- Blue (16%)



- Red (4%)
- Yellow (7%)
- Blue (16%)



- Cyan (76%)
- Magenta (44%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.1650, 9.7787, -9.7917 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 21.1650, 9.7787, -9.7917 by changing the saturation by 10% instead.

■ 21.1650, 9.7787,
-9.7917

■ 21.1650, 9.7787,
-9.7917

■ 245.5090, 4.6791,
-7.4624

■ 2.8670, 8.4466,
-2.5144

■ 64.4040, 10.6468,
-8.2473

■ 0.0000, 0.0000,
0.0000

■ 88.2190, 11.2310,
-8.9621

■ 112.3330, 11.6678,
-9.0620

■ 137.7460, 11.9572,
-8.5472

■ 164.4470, 12.1046,
-9.1620

■ 191.5610, 12.5414,

-9.2620

■ 219.6750, 12.9782,
-9.3620

■ 21.1650, 9.7787,
-9.7917

■ 21.1650, 9.7787,
-9.7917

■ 18.7950, 10.9471,
-11.2212

■ 23.5350, 8.6102,
-8.3622

■ 15.8380, 12.4049,
-12.1359

■ 26.4920, 7.1524,
-7.4475

■ 14.6530, 12.9891,
-12.8507

■ 28.8620, 5.9840,
-6.0180

■ 31.8190, 4.5262,
-5.1033

■ 34.1890, 3.3578,
-3.6738

■ 36.8580, 2.0420,
-1.6295

■ 39.8150, 0.5842,
-0.7148

■ 42.1850, -0.5842,
0.7148

■ 44.5550, -1.7526,
2.1443

Harmonies

Analogous

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



19.7080, 9.5110, -17.2839



21.1650, 9.7787, -9.7917



23.2590, 7.2673, 2.4039

Triad

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



21.1650, 9.7787, -9.7917



22.2640, -7.0322, 15.5545



17.6300, -2.2826, -14.5845

Complementary

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



21.1650, 9.7787, -9.7917



29.8350, -9.7787, 9.7917

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.



19.7580, -9.7407, -2.4188



21.1650, 9.7787, -9.7917



21.9170, -10.8051, 12.3508

Square

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



21.1650, 9.7787, -9.7917



23.1590, -1.0644, 14.7696



21.8730, -10.7834, 5.3734



19.1720, 2.3802, -16.8138

Rectangle

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



21.1650, 9.7787, -9.7917



23.6080, 4.6303, 8.2368



21.8730, -10.7834, 5.3734



18.5550, -5.2036, -11.0107

Sweetspot

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



21.1650, 9.7787, -9.7917



45.4170, 4.2314, -3.8737



30.2490, -1.1088, -17.7584



22.6730, 2.6262, -2.3442



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



21.1650, 9.7787, -9.7917



22.3260, 15.6153, -15.1949



14.1320, 13.2459, -1.8698



18.8150, 0.5842, -0.7148



30.1210, 26.5623, -26.4161



76.4110, 66.8454, -67.0124

Inverse Universe

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



20.7510, 1.1088, 17.7584



21.9310, 1.5130, 28.1245



36.8680, -13.2459, 1.8698



18.7120, 0.1420, 1.1296



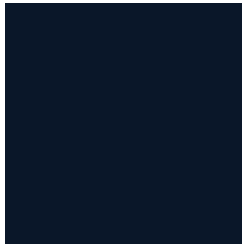
29.1060, 2.9057, 48.1420



73.5340, 7.6247, 121.4347

Previews

White Background



This preview shows how the YUV color 21.1650, 9.7787, -9.7917 looks on a white background.

Color Contrast Check

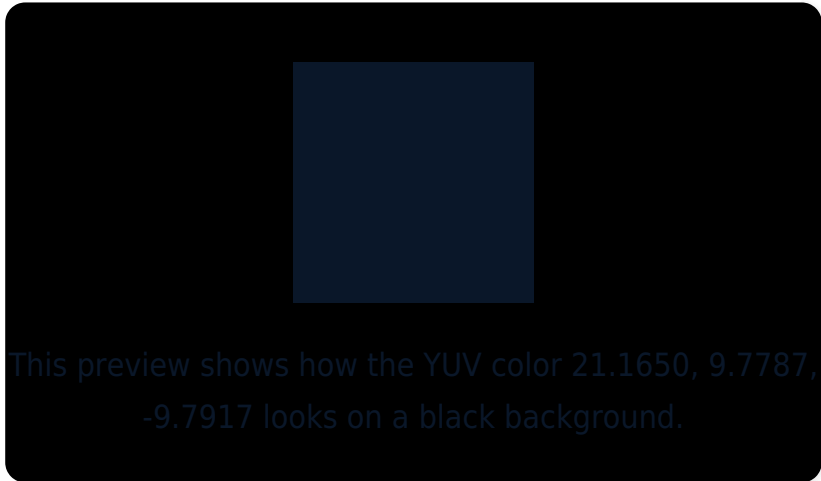
Large Text (above 18pt) WCAG AA ✓ Pass

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

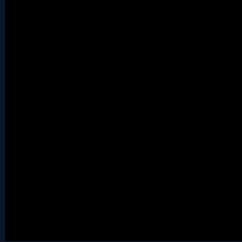
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.1650, 9.7787, -9.7917

Background



This preview shows how black text looks on a background with the YUV color 21.1650, 9.7787, -9.7917.



This preview shows how white text looks on a background with the YUV color 21.1650, 9.7787, -9.7917.

-9.7917.

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

21.1650, 9.7787, -9.7917

Protanopia

21.9590, 8.8942, -6.1030

Deuteranopia

19.9690, 10.3683, -12.2508



Tritanopia

18.3400, 4.2694, -16.0842

Trichromacy



Original Color

21.1650, 9.7787, -9.7917

Protanomaly

21.3610, 9.1890, -7.3326

Deuteranomaly

20.2680, 10.2209, -11.6360

Tritanomaly

19.5190, 6.1531, -13.6102

Monochromacy



Original Color

21.1650, 9.7787, -9.7917

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.1650, 9.7787, -9.7917 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(10, 23, 41)` looks like.

```
.text, #text, p{  
    color:rgb(10, 23, 41)  
}
```

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(10, 23, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 23, 41) }
```

Border

The CSS property to change the border of an element to YUV 21.1650, 9.7787, -9.7917 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(10, 23, 41) }
```


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

```
.border{ border-color:rgb(10, 23, 41) }
```

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

Here you see how a box with a 4 pixel rgb(10, 23, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 23, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 23, 41);  
box-shadow:4px 4px 4px 4px rgb(10, 23, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.1650, 9.7787, -9.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 23, 41) }
```

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

```
.background{ background-color: rgb(10, 23,  
41) }
```

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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