

Converting Colors

YUV(8.7720, -0.8736, 0.2000)

Have a look what the booklet for
YUV(8.7720, -0.8736, 0.2000)
contains.

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Color

YUV(8.7720, -0.8736, 0.2000)

Conversions

Conversions Part 1

Format	Color
Hex	090907
RGB	9, 9, 7
RGB Percent	4%, 4%, 3%
CMY	0.9647, 0.9647, 0.9725
CMYK	0.00, 0.00, 0.22, 0.96
HSL	60°, 12%, 3%
HSV	60°, 22%, 4%
XYZ	0.2487, 0.2688, 0.2398
YIQ	8.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

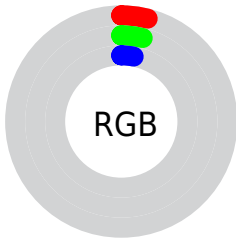
Format	Color
RYB	7, 9, 7
Decimal	592135
CIELab	2.43, -0.28, 0.76
CIElCh	2, 0.806, 110.171
Yxy	0.2688, 0.3284, 0.3549
Android (android.graphics.Color)	4278782215 (0xFF090907)
YUV	8.7720, -0.8736, 0.2000
Hunter-Lab	5.1845, -0.5105, 0.8870

Details

The YUV color **8.7720, -0.8736, 0.2000** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **7.2280, 0.8736, -0.2000**, and the grayscale version is **9.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **53.7720, -0.8736, 0.2000**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **8.6580, -1.3104, 0.2999**, and if you desaturate by 10%, it is **8.8860, -0.4368, 0.1000**.

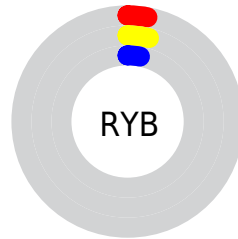
Distribution



Red (4%)

Green (4%)

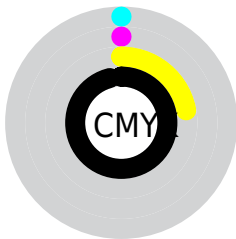
Blue (3%)



Red (3%)

Yellow (4%)

Blue (3%)

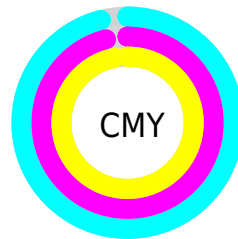


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (96%)



Cyan (96%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 8.7720, -0.8736, 0.2000 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 8.7720, -0.8736, 0.2000 by changing the saturation by 10% instead.

■ 8.7720, -0.8736,
0.2000

■ 8.7720, -0.8736,
0.2000

■ 232.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 53.7720, -0.8736,
0.2000

■ 75.8860, -0.4368,
0.1000

■ 99.8860, -0.4368,
0.1000

■ 124.8860, -0.4368,
0.1000

■ 150.8860, -0.4368,
0.1000

■ 177.7720, -0.8736,

0.2000

■ 204.8860, -0.4368,
0.1000

■ 8.7720, -0.8736,
0.2000

■ 8.7720, -0.8736,
0.2000

■ 8.6580, -1.3104,
0.2999

■ 8.8860, -0.4368,
0.1000

■ 8.5440, -1.7472,
0.3999

■ 9.0000, 0.0000,
0.0000

■ 8.4300, -2.1840,
0.4999

■ 9.1140, 0.4368,
-0.1000

■ 8.3160, -2.6208,
0.5999

■ 9.2280, 0.8736,
-0.2000

■ 8.2020, -3.0576,
0.6998

■ 9.3420, 1.3104,
-0.2999

■ 8.0880, -3.4944,
0.7998

■ 9.4560, 1.7472,
-0.3999

■ 7.9740, -3.9312,
0.8998

■ 9.5700, 2.1840,
-0.4999

■ 9.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



9.0710, -1.0210, 0.8147



8.7720, -0.8736, 0.2000



8.5870, -0.2894, -0.5148

Triad

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



8.7720, -0.8736, 0.2000



8.5160, 0.7316, -1.3295



9.0110, -0.0054, 1.7444

Complementary

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



8.7720, -0.8736, 0.2000



7.2280, 0.8736, -0.2000

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.



8.8260, 0.5788, 1.0296



8.7720, -0.8736, 0.2000



8.9290, 1.0210, -0.8147

Square

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



8.7720, -0.8736, 0.2000



8.4020, 0.2948, -1.2296



9.2280, 0.8736, -0.2000



8.8970, -0.4422, 1.8443

Rectangle

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



8.7720, -0.8736, 0.2000



8.2880, -0.1420, -1.1296



9.2280, 0.8736, -0.2000



9.1250, 0.4314, 1.6444

Sweetspot

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



8.7720, -0.8736, 0.2000



12.8860, -0.4368, 0.1000



7.5980, -0.2948, 1.2296



7.8860, -0.4368, 0.1000



135.0000, 0.0000, 0.0000



8.0000, 0.0000, 0.0000

Same Dimension

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



8.7720, -0.8736, 0.2000



12.5440, -1.7472, 0.3999



8.4730, -0.7262, -0.4148



5.0000, 0.0000, 0.0000



61.1340, -30.1391, 6.8985



173.6560, -85.6124, 19.5957

Inverse Universe

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



7.2280, 0.8736, -0.2000



9.4560, 1.7472, -0.3999



7.5270, 0.7262, 0.4148



5.0000, 0.0000, 0.0000



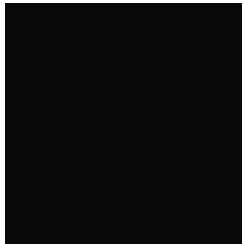
7.8660, 30.1391, -6.8985



22.3440, 85.6124, -19.5957

Previews

White Background



This preview shows how the YUV color 8.7720, -0.8736, 0.2000 looks on a white background.

Color Contrast Check

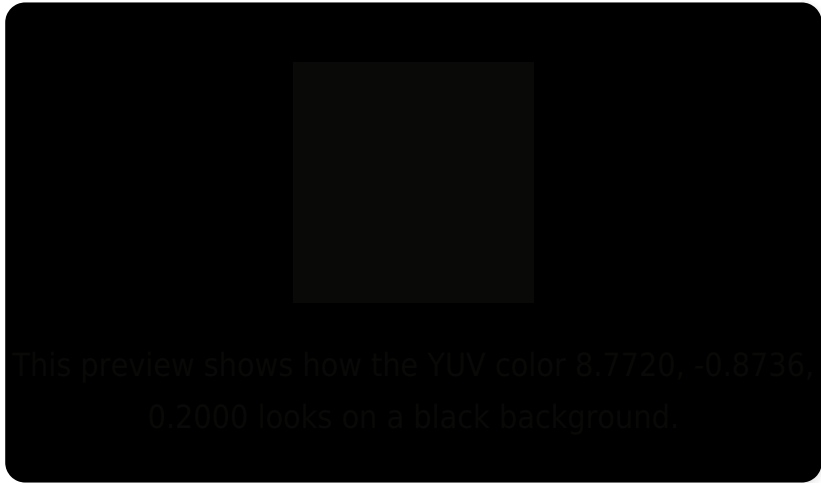
Large Text (above 18pt) WCAG AA ✓ Pass

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

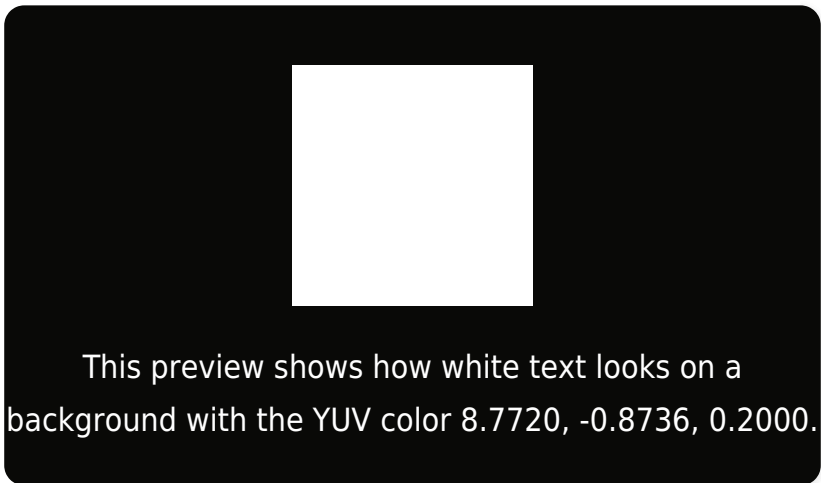
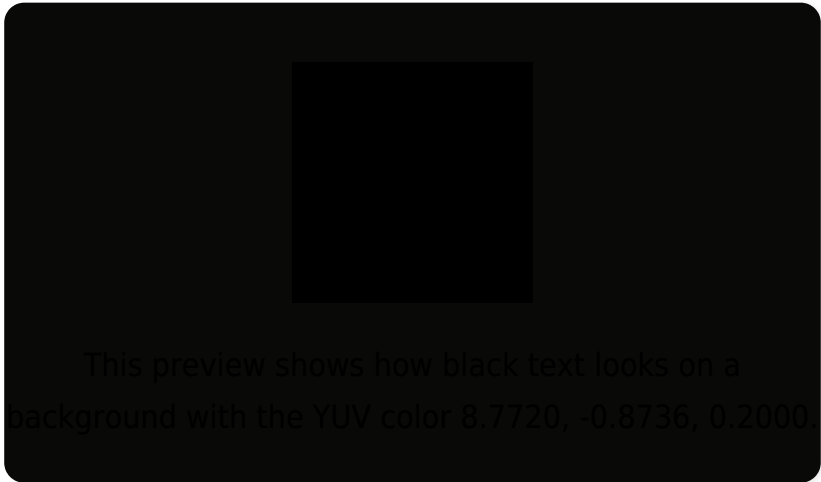
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 8.7720, -0.8736, 0.2000

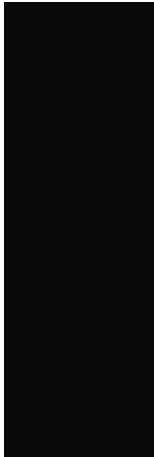
Background



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

8.7720, -0.8736, 0.2000

Protanopia

8.7720, -0.8736, 0.2000

Deuteranopia

9.0710, -1.0210, 0.8147



Tritanopia

9.0000, 0.0000, 0.0000

Trichromacy



Original Color

8.7720, -0.8736, 0.2000

Protanomaly

8.7720, -0.8736, 0.2000

Deuteranomaly

9.0710, -1.0210, 0.8147

Tritanomaly

8.8860, -0.4368, 0.1000

Monochromacy



Original Color

8.7720, -0.8736, 0.2000

Achromatopsia

9.0000, 0.0000, 0.0000

Achromatomaly

8.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 8.7720, -0.8736, 0.2000 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, 9, 7)` looks like.

```
.text, #text, p{  
    color:rgb(9, 9, 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, 9, 7) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 8.7720, -0.8736, 0.2000 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, 9, 7) }
```

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

```
.border{ border-color:rgb(9, 9, 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, 9, 7)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to YUV 8.7720, -0.8736, 0.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(9, 9, 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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