

Converting Colors

YUV(12.4560, 1.7472, -0.3999)

Have a look what the booklet for
YUV(12.4560, 1.7472, -0.3999)
contains.

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Color

**YUV(12.4560, 1.7472,
-0.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0C10
RGB	12, 12, 16
RGB Percent	5%, 5%, 6%
CMY	0.9529, 0.9529, 0.9373
CMYK	0.25, 0.25, 0.00, 0.94
HSL	240°, 14%, 5%
HSV	240°, 25%, 6%
XYZ	0.3766, 0.3785, 0.5434
YIQ	12.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

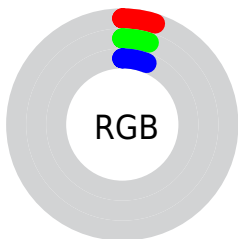
Format	Color
RYB	12, 12, 16
Decimal	789520
CIELab	3.42, 0.69, -1.88
CIELCh	3, 2.001, 290.181
Yxy	0.3785, 0.2900, 0.2915
Android (android.graphics.Color)	4278979600 (0xFF0C0C10)
YUV	12.4560, 1.7472, -0.3999
Hunter-Lab	6.1524, 0.1602, -0.9303

Details

The YUV color **12.4560, 1.7472, -0.3999** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.5440, -1.7472, 0.3999**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.3420, 1.3104, -0.2999**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.6840, 2.6208, -0.5999**, and if you desaturate by 10%, it is **14.2280, 0.8736, -0.2000**.

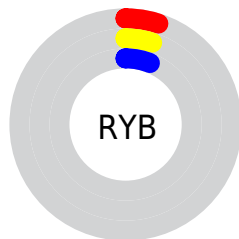
Distribution



Red (5%)

Green (5%)

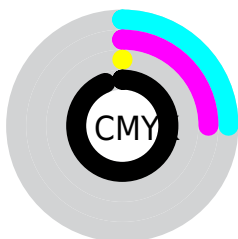
Blue (6%)



Red (5%)

Yellow (5%)

Blue (6%)

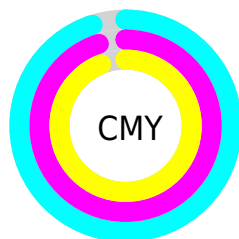


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (94%)



Cyan (95%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.4560, 1.7472, -0.3999 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 12.4560, 1.7472, -0.3999 by changing the saturation by 10% instead.

■ 12.4560, 1.7472,
-0.3999

■ 12.4560, 1.7472,
-0.3999

■ 236.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 56.3420, 1.3104,
-0.2999

■ 78.4560, 1.7472,
-0.3999

■ 102.4560, 1.7472,
-0.3999

■ 127.4560, 1.7472,
-0.3999

■ 153.4560, 1.7472,
-0.3999

■ 180.4560, 1.7472,

-0.3999

■ 208.3420, 1.3104,
-0.2999

■ 12.4560, 1.7472,
-0.3999

■ 12.4560, 1.7472,
-0.3999

■ 10.6840, 2.6208,
-0.5999

■ 14.2280, 0.8736,
-0.2000

■ 9.7980, 3.0576,
-0.6998

■ 15.1140, 0.4368,
-0.1000

■ 8.0260, 3.9312,
-0.8998

■ 16.8860, -0.4368,
0.1000

■ 7.1400, 4.3680,
-0.9998

■ 17.7720, -0.8736,
0.2000

■ 5.3680, 5.2416,
-1.1997

■ 19.5440, -1.7472,
0.3999

■ 3.5960, 6.1152,
-1.3997

■ 21.3160, -2.6208,
0.5999

■ 2.7100, 6.5520,
-1.4997

■ 22.2020, -3.0576,
0.6998

■ 1.8240, 6.9888,
-1.5996

■ 23.9740, -3.9312,
0.8998

■ 24.8600, -4.3680,
0.9998

Harmonies

Analogous

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



12.1460, 1.9000, -2.7590



12.4560, 1.7472, -0.3999



12.3530, 1.3050, 1.4444

Triad

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



12.4560, 1.7472, -0.3999



12.2670, -1.6106, 3.2738



11.8640, -0.4260, -3.3887

Complementary

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



12.4560, 1.7472, -0.3999



15.5440, -1.7472, 0.3999

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.



11.6470, -1.3050, -1.4444



12.4560, 1.7472, -0.3999



12.4410, -2.1894, 2.2442

Square

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



12.4560, 1.7472, -0.3999



12.7940, -0.8844, 3.6887



12.4300, -2.1840, 0.4999



11.9070, 1.0318, -4.3034

Rectangle

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



12.4560, 1.7472, -0.3999



12.8370, 0.5734, 2.7740



12.4300, -2.1840, 0.4999



11.8640, -0.4260, -3.3887

Sweetspot

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



12.4560, 1.7472, -0.3999



19.1140, 0.4368, -0.1000



14.8040, 0.5896, -2.4591



9.1140, 0.4368, -0.1000



138.0000, 0.0000, 0.0000



10.0000, 0.0000, 0.0000

Same Dimension

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



12.4560, 1.7472, -0.3999



14.6840, 2.6208, -0.5999



13.0540, 1.4524, 0.8296



7.1140, 0.4368, -0.1000



8.0940, 31.0127, -7.0984



22.6860, 86.9228, -19.8956

Inverse Universe

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



13.6520, 1.1576, 2.0592



16.4780, 1.7363, 3.0888



14.9460, -1.4524, -0.8296



7.4130, 0.2894, 0.5148



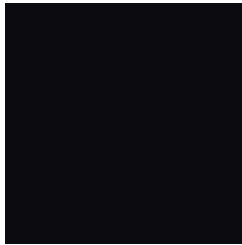
29.3230, 20.5468, 36.5507



82.1870, 57.5888, 102.4450

Previews

White Background



This preview shows how the YUV color 12.4560, 1.7472, -0.3999 looks on a white background.

Color Contrast Check

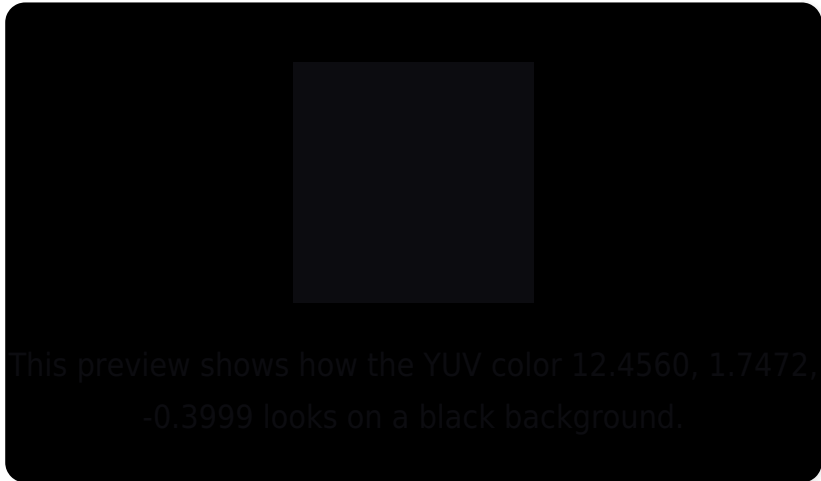
Large Text (above 18pt) WCAG AA ✓ Pass

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

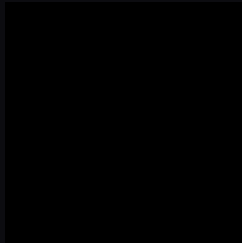
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.4560, 1.7472, -0.3999

Background



This preview shows how black text looks on a background with the YUV color 12.4560, 1.7472, -0.3999.



This preview shows how white text looks on a background with the YUV color 12.4560, 1.7472, -0.3999.

-0.3999.

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

12.4560, 1.7472, -0.3999

Protanopia

12.1570, 1.8946, -1.0147

Deuteranopia

12.4560, 1.7472, -0.3999



Tritanopia

12.1140, 0.4368, -0.1000

Trichromacy



Original Color

12.4560, 1.7472, -0.3999

Protanomaly

12.1570, 1.8946, -1.0147

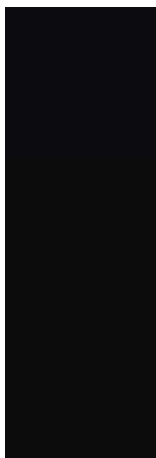
Deuteranomaly

12.4560, 1.7472, -0.3999

Tritanomaly

12.2280, 0.8736, -0.2000

Monochromacy



Original Color

12.4560, 1.7472, -0.3999

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.4560, 1.7472, -0.3999 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(12, 12, 16)` looks like.

```
.text, #text, p{  
    color:rgb(12, 12, 16)  
}
```

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(12, 12, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 12, 16) }
```

Border

The CSS property to change the border of an element to YUV 12.4560, 1.7472, -0.3999 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(12, 12, 16) }
```


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

```
.border{ border-color:rgb(12, 12, 16) }
```

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

Here you see how a box with a 4 pixel rgb(12, 12, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 12, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 12, 16);  
box-shadow:4px 4px 4px 4px rgb(12, 12, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 12.4560, 1.7472, -0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 12, 16) }
```

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

```
.background{ background-color: rgb(12, 12,  
16) }
```

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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