

Converting Colors

YUV(78.9770, -32.0337, 7.9132)

Have a look what the booklet for
YUV(78.9770, -32.0337, 7.9132)
contains.

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Color

**YUV(78.9770, -32.0337,
7.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	58570E
RGB	88, 87, 14
RGB Percent	35%, 34%, 5%
CMY	0.6549, 0.6588, 0.9451
CMYK	0.00, 0.01, 0.84, 0.65
HSL	59°, 73%, 20%
HSV	59°, 84%, 35%
XYZ	7.5120, 8.9228, 1.7418
YIQ	78.9770, 24.0290, -22.4910

Conversions

Conversions Part 2

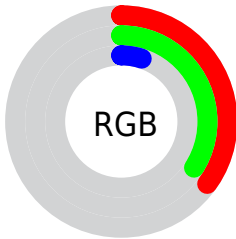
Format	Color
R_{YB}	15, 88, 14
Decimal	5789454
CIE Lab	35.84, -8.85, 38.98
CIE LCh	36, 39.970, 102.799
Yxy	8.9228, 0.4133, 0.4909
Android (android.graphics.Color)	4283979534 (0xFF58570E)
YUV	78.9770, -32.0337, 7.9132
Hunter-Lab	29.8711, -7.3852, 17.4525

Details

The YUV color **78.9770, -32.0337, 7.9132** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23.0230, 32.0337, -7.9132**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5750, -32.3285, 9.1427**, and **36.3150, -17.9033, 2.3547** is the 20% darker color. If you saturate the color by 10%, you get **77.9510, -35.9648, 8.8130**, and if you desaturate by 10%, it is **80.0030, -28.1025, 7.0134**.

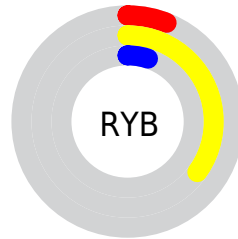
Distribution



Red (35%)

Green (34%)

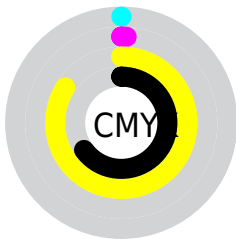
Blue (5%)



Red (6%)

Yellow (35%)

Blue (5%)

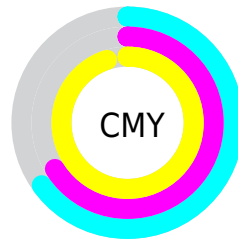


Cyan (0%)

Magenta (1%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9770, -32.0337, 7.9132 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 78.9770, -32.0337, 7.9132 by changing the saturation by 10% instead.

■ 78.9770, -32.0337,
7.9132

■ 78.9770, -32.0337,
7.9132

■ 254.6580, -1.3104,
0.2999

■ 56.4050, -27.8077,
5.7838

■ 129.5750,
-32.3285, 9.1427

■ 36.3150, -17.9033,
2.3547

■ 156.0590,
-33.0601, 10.4723

■ 15.9040, -7.8407,
-5.1778

■ 183.1300,
-34.0811, 11.2870

■ 0.0000, 0.0000,
0.0000

■ 210.3150,
-34.6653, 12.0017

■ 239.0870,
-35.5389, 12.2017

■ 248.0460,

-26.6447, 6.0987

■ 251.3520,
-13.9775, 3.1993

■ 78.9770, -32.0337,
7.9132

■ 78.9770, -32.0337,
7.9132

■ 77.9510, -35.9648,
8.8130

■ 80.0030, -28.1025,
7.0134

■ 77.3810, -38.1488,
9.3129

■ 81.0290, -24.1713,
6.1136

■ 81.9410, -20.6769,
5.3137

■ 82.9670, -16.7457,
4.4139

■ 84.5800, -13.1039,
2.9993

■ 85.6060, -9.1728,
2.0995

■ 86.6320, -5.2416,
1.1997

■ 87.5440, -1.7472,
0.3999

■ 88.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



81.4620, -30.7938, 30.2898



78.9770, -32.0337, 7.9132



74.6020, -20.0168, -19.8220

Triad

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



78.9770, -32.0337, 7.9132



72.0040, 27.1130, -63.1475



85.0820, 9.3266, 42.0241

Complementary

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



78.9770, -32.0337, 7.9132



23.0230, 32.0337, -7.9132

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.



87.2340, 22.0696, 14.7038



78.9770, -32.0337, 7.9132



71.1210, 36.4223, -62.3731

Square

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



78.9770, -32.0337, 7.9132



69.7580, 13.4303, -61.1778



79.5320, 33.2617, -28.5306



82.6630, -5.2569, 52.9155

Rectangle

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



78.9770, -32.0337, 7.9132



64.8890, -5.3683, -51.6457



79.5320, 33.2617, -28.5306



86.1780, 13.7162, 34.0469

Sweetspot

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



78.9770, -32.0337, 7.9132



111.1070, -12.3778, 3.4142



36.2400, -10.4713, 45.3935



56.3610, -7.5730, 2.3144



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.9770, -32.0337, 7.9132



100.7160, -49.6530, 12.5271



68.8000, -27.0164, -14.7336



42.5440, -1.7472, 0.3999



94.2150, -46.4480, 11.2124



205.8620, -101.4900, 25.5540

Inverse Universe

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



23.0230, 32.0337, -7.9132



14.2840, 49.6530, -12.5271



33.2000, 27.0164, 14.7336



39.4560, 1.7472, -0.3999



12.7850, 46.4480, -11.2124



28.5510, 101.7794, -25.0392

Previews

White Background



This preview shows how the YUV color 78.9770, -32.0337, 7.9132 looks on a white background.

Color Contrast Check

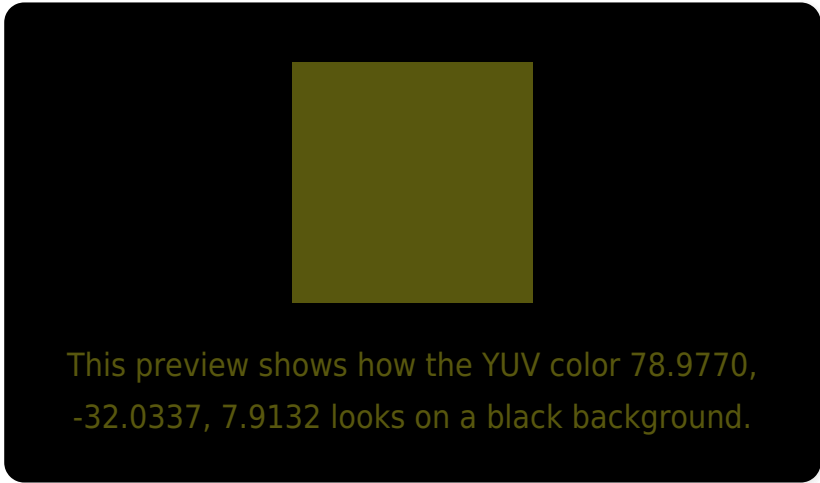
Large Text (above 18pt) WCAG AA ✓ Pass

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

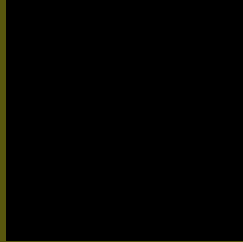
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9770, -32.0337, 7.9132

Background



This preview shows how black text looks on a background with the YUV color 78.9770, -32.0337, 7.9132.



This preview shows how white text looks on a background with the YUV color 78.9770, -32.0337,

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

78.9770, -32.0337, 7.9132

Protanopia

79.7820, -32.9235, 13.3462

Deuteranopia

80.8200, -30.4773, 22.0829



Tritanopia

85.5710, 0.7045, 7.3922

Trichromacy



Original Color

78.9770, -32.0337, 7.9132

Protanomaly

79.4720, -32.7707, 10.9871

Deuteranomaly

80.2600, -31.1872, 16.4350

Tritanomaly

83.0690, -11.3730, 7.8325

Monochromacy



Original Color

78.9770, -32.0337, 7.9132

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9770, -32.0337, 7.9132 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(88, 87, 14)` looks like.

```
.text, #text, p{  
    color:rgb(88, 87, 14)  
}
```

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(88, 87, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 87, 14) }
```

Border

The CSS property to change the border of an element to YUV 78.9770, -32.0337, 7.9132 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(88, 87, 14) }
```


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

```
.border{ border-color:rgb(88, 87, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 87, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 87, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 87, 14);  
box-shadow:4px 4px 4px 4px rgb(88, 87, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9770, -32.0337, 7.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 87, 14) }
```

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

```
.background{ background-color: rgb(88, 87,  
14) }
```

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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