

Converting Colors

YUV(35.8390, 7.4744, -17.3988)

Have a look what the booklet for
YUV(35.8390, 7.4744, -17.3988)
contains.

YUV(35.8390, 7.4744, -17.3988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(35.8390, 7.4744,
-17.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	102B33
RGB	16, 43, 51
RGB Percent	6%, 17%, 20%
CMY	0.9373, 0.8314, 0.8000
CMYK	0.69, 0.16, 0.00, 0.80
HSL	194°, 52%, 13%
HSV	194°, 69%, 20%
XYZ	1.6751, 2.0769, 3.4446
YIQ	35.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

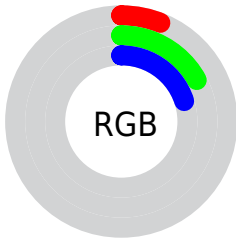
Format	Color
RYB	16, 31, 51
Decimal	1059635
CIELab	15.89, -7.32, -8.28
CIELCh	16, 11.051, 228.512
Yxy	2.0769, 0.2328, 0.2886
Android (android.graphics.Color)	4279249715 (0xFF102B33)
YUV	35.8390, 7.4744, -17.3988
Hunter-Lab	14.4116, -4.4726, -4.0831

Details

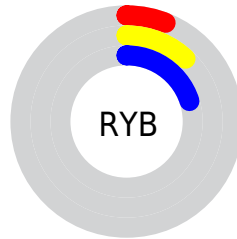
The YUV color **35.8390, 7.4744, -17.3988** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31.1610, -7.4744, 17.3988**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2520, 7.7638, -16.8840**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **33.7570, 8.5008, -19.9579**, and if you desaturate by 10%, it is **37.9210, 6.4479, -14.8397**.

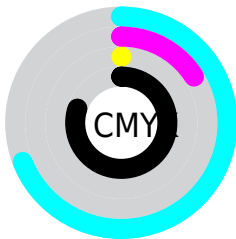
Distribution



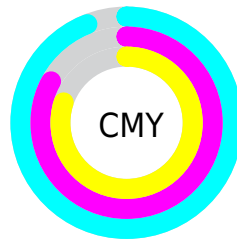
- Red (6%)
- Green (17%)
- Blue (20%)



- Red (6%)
- Yellow (12%)
- Blue (20%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (80%)



- Cyan (94%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8390, 7.4744, -17.3988 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 35.8390, 7.4744, -17.3988 by changing the saturation by 10% instead.

■ 35.8390, 7.4744,
-17.3988

■ 35.8390, 7.4744,
-17.3988

■ 252.9070, 1.0318,
-4.3034

■ 16.9210, 6.4479,
-14.8397

■ 81.2520, 7.7638,
-16.8840

■ 0.3420, 1.3104,
-0.2999

■ 105.9530, 7.9112,
-17.4988

■ 0.0000, 0.0000,
0.0000

■ 131.0670, 8.3480,
-17.5988

■ 157.7680, 8.4954,
-18.2135

■ 184.7680, 8.4954,
-18.2135

■ 212.4690, 8.6428,

-18.8283

■ 240.1270, 7.3324,
-18.5284

■ 35.8390, 7.4744,
-17.3988

■ 35.8390, 7.4744,
-17.3988

■ 33.7570, 8.5008,
-19.9579

■ 37.9210, 6.4479,
-14.8397

■ 31.6750, 9.5272,
-22.5170

■ 40.0030, 5.4215,
-12.2806

■ 29.5930, 10.5537,
-25.0761

■ 42.0850, 4.3951,
-9.7215

■ 28.7070, 10.9904,
-25.1760

■ 44.7540, 3.0793,
-7.6773

■ 47.1350, 1.9054,
-4.5034

■ 49.2170, 0.8790,
-1.9443

■ 51.2990, -0.1474,
0.6148

■ 53.3810, -1.1738,
3.1739

■ 55.4630, -2.2003,
5.7329

Harmonies

Analogous

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



35.3290, 4.2748, -17.8285



35.8390, 7.4744, -17.3988



37.8120, 8.4737, -11.2361

Triad

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



35.8390, 7.4744, -17.3988



40.7070, 1.1304, 10.7810



38.8770, -6.8414, 0.9849

Complementary

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



35.8390, 7.4744, -17.3988



31.1610, -7.4744, 17.3988

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.



39.3940, -7.5892, 7.5475



35.8390, 7.4744, -17.3988



40.3930, -2.6587, 12.8103

Square

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



35.8390, 7.4744, -17.3988



40.8850, 4.4937, 5.3629



39.5840, -5.7109, 11.7658



37.8160, -4.3463, -5.9776

Rectangle

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



35.8390, 7.4744, -17.3988



39.6170, 7.5838, -5.8031



39.5840, -5.7109, 11.7658



39.0730, -7.4310, 3.4440

Sweetspot

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



35.8390, 7.4744, -17.3988



60.0530, 2.9319, -7.0625



37.4570, -6.6343, -18.8178



29.4340, 1.7580, -3.8886



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



35.8390, 7.4744, -17.3988



42.8100, 11.4327, -27.0204



25.8600, 12.3940, -8.6472



24.5160, 0.7316, -1.3295



50.6490, 18.9070, -44.4192



122.7670, 46.4569, -107.6667

Inverse Universe

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



29.5430, 6.6343, 18.8178



32.9340, 10.3855, 28.9989



41.1400, -12.3940, 8.6472



24.1250, 0.4314, 1.6444



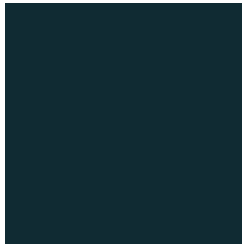
34.4770, 17.0198, 47.8167



83.9210, 40.9579, 116.7103

Previews

White Background



This preview shows how the YUV color 35.8390, 7.4744, -17.3988 looks on a white background.

Color Contrast Check

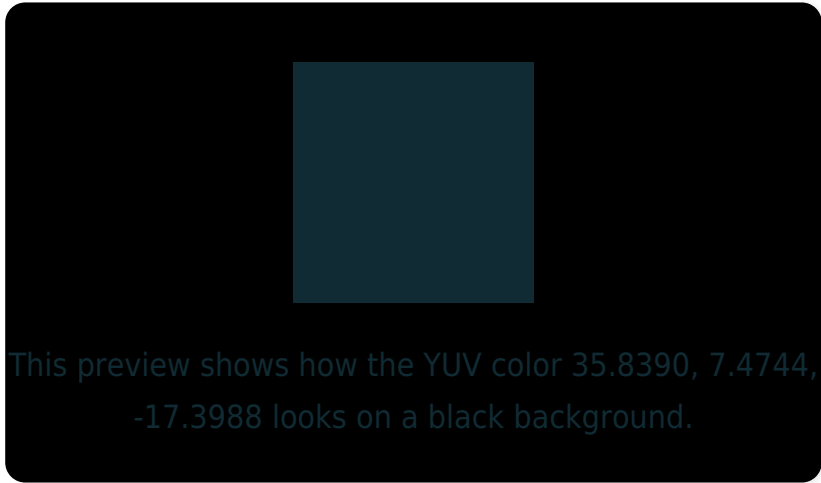
Large Text (above 18pt) WCAG AA ✓ Pass

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

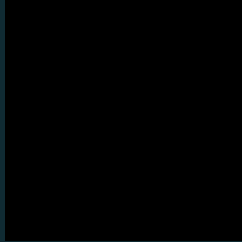
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

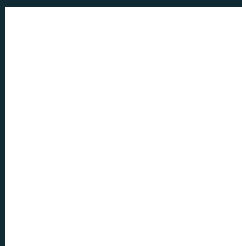
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 35.8390, 7.4744, -17.3988

Background



This preview shows how black text looks on a background with the YUV color 35.8390, 7.4744, -17.3988.



This preview shows how white text looks on a background with the YUV color 35.8390, 7.4744, -17.3988.

-17.3988.

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

35.8390, 7.4744, -17.3988

Protanopia

39.7270, 4.0786, -1.5146

Deuteranopia

39.8840, 5.9732, -2.5293



Tritanopia

35.3720, 5.7326, -18.7432

Trichromacy



Original Color

35.8390, 7.4744, -17.3988

Protanomaly

38.0360, 5.4053, -7.0476

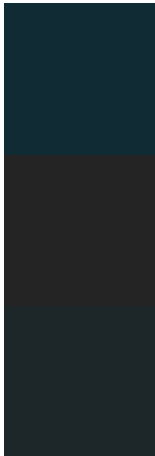
Deuteranomaly

38.0790, 6.8631, -7.9623

Tritanomaly

35.7850, 6.0220, -18.2284

Monochromacy



Original Color

35.8390, 7.4744, -17.3988

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8390, 7.4744, -17.3988 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(16, 43, 51)` looks like.

```
.text, #text, p{  
    color:rgb(16, 43, 51)  
}
```

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(16, 43, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 43, 51) }
```

Border

The CSS property to change the border of an element to YUV 35.8390, 7.4744, -17.3988 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(16, 43, 51) }
```


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

```
.border{ border-color:rgb(16, 43, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 43, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 43, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 43, 51);  
box-shadow:4px 4px 4px 4px rgb(16, 43, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.8390, 7.4744, -17.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 43, 51) }
```

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

```
.background{ background-color: rgb(16, 43,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor