

Converting Colors

YUV(47.0740, 17.7115,
-34.2679)

Have a look what the booklet for
YUV(47.0740, 17.7115, -34.2679)
contains.

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Color

**YUV(47.0740, 17.7115,
-34.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	083C53
RGB	8, 60, 83
RGB Percent	3%, 24%, 33%
CMY	0.9686, 0.7647, 0.6745
CMYK	0.90, 0.28, 0.00, 0.67
HSL	198°, 82%, 18%
HSV	198°, 90%, 33%
XYZ	3.2773, 3.9079, 8.7652
YIQ	47.0740, -38.3750, -3.8710

Conversions

Conversions Part 2

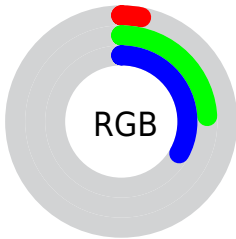
Format	Color
R_{YB}	8, 39, 83
Decimal	539731
CIE _{Lab}	23.36, -6.93, -18.49
CIE _{LCh}	23, 19.744, 249.442
Yxy	3.9079, 0.2055, 0.2450
Android (android.graphics.Color)	4278729811 (0xFF083C53)
YUV	47.0740, 17.7115, -34.2679
Hunter-Lab	19.7683, -5.0017, -12.4510

Details

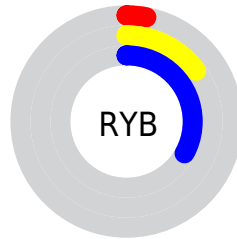
The YUV color **47.0740, 17.7115, -34.2679** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.9260, -17.7115, 34.2679**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7050, 17.4004, -27.8053**, and **14.8980, 11.3893, -13.0655** is the 20% darker color. If you saturate the color by 10%, you get **43.5080, 19.4696, -38.1565**, and if you desaturate by 10%, it is **51.2270, 15.6641, -30.8941**.

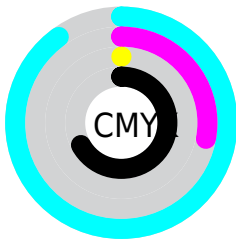
Distribution



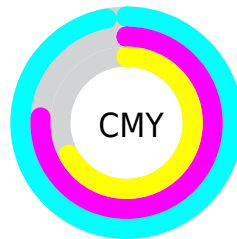
- Red (3%)
- Green (24%)
- Blue (33%)



- Red (3%)
- Yellow (15%)
- Blue (33%)



- Cyan (90%)
- Magenta (28%)
- Yellow (0%)
- Black (67%)



- Cyan (97%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0740, 17.7115, -34.2679 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 47.0740, 17.7115, -34.2679 by changing the saturation by 10% instead.

■ 47.0740, 17.7115,
-34.2679

■ 47.0740, 17.7115,
-34.2679

■ 255.0000, 0.0000,
0.0000

■ 29.1460, 15.2110,
-25.5610

■ 97.7050, 17.4004,
-27.8053

■ 14.8980, 11.3893,
-13.0655

■ 123.1180, 17.6898,
-27.2905

■ 2.4110, 6.6994,
-2.1144

■ 149.8190, 17.8372,
-27.9053

■ 0.0000, 0.0000,
0.0000

■ 176.2320, 18.1266,
-27.3905

■ 204.0470, 18.7108,
-28.1052

■ 230.9240, 11.8695,

-27.1203

■ 247.2260, 3.8326,
-15.9842

■ 47.0740, 17.7115,
-34.2679

■ 47.0740, 17.7115,
-34.2679

■ 43.5080, 19.4696,
-38.1565

■ 51.2270, 15.6641,
-30.8941

■ 55.0920, 13.7586,
-26.3907

■ 59.2450, 11.7112,
-23.0169

■ 62.8110, 9.9532,
-19.1282

■ 66.9640, 7.9057,
-15.7544

■ 70.8290, 6.0003,
-11.2510

■ 74.9820, 3.9529,
-7.8772

■ 78.5480, 2.1948,
-3.9886

■ 83.0000, 0.0000,
0.0000

Harmonies

Analogous

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



45.4170, 14.0914, -39.8307



47.0740, 17.7115, -34.2679



54.8210, 14.8782, -12.1210

Triad

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



47.0740, 17.7115, -34.2679



56.8720, -2.4019, 23.7913



52.0240, -9.8718, -7.0370

Complementary

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



47.0740, 17.7115, -34.2679



43.9260, -17.7115, 34.2679

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.



53.7760, -13.6936, 5.4584



47.0740, 17.7115, -34.2679



55.8520, -8.8010, 22.9318

Square

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



47.0740, 17.7115, -34.2679



57.2610, 4.3083, 18.1881



54.9560, -13.2893, 15.8246



49.5860, -2.2609, -21.5619

Rectangle

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



47.0740, 17.7115, -34.2679



56.8010, 11.9301, 0.1745



54.9560, -13.2893, 15.8246



52.8890, -11.7773, -2.5337

Sweetspot

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



47.0740, 17.7115, -34.2679



93.0460, 6.8793, -13.1953



54.6470, -11.6580, -40.9094



45.0960, 4.3897, -7.9772



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



47.0740, 17.7115, -34.2679



55.6360, 25.3225, -48.7928



25.3550, 28.4190, -15.2203



39.2170, 0.8790, -1.9443



54.2340, 25.0276, -47.5632



120.9550, 54.7452, -106.0775

Inverse Universe

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



36.3530, 11.6580, 40.9094



40.4290, 16.5505, 58.3828



65.6450, -28.4190, 15.2203



38.5380, 0.7208, 2.1592



39.6030, 15.9717, 57.3532



87.7220, 36.1261, 126.5318

Previews

White Background



This preview shows how the YUV color 47.0740, 17.7115, -34.2679 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



This preview shows how the YUV color 47.0740, 17.7115, -34.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

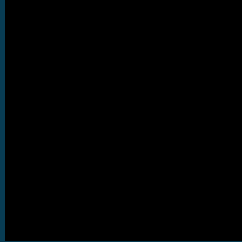
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

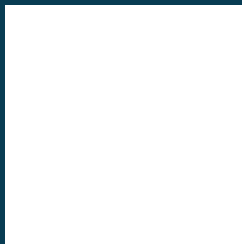
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.0740, 17.7115, -34.2679

Background



This preview shows how black text looks on a background with the YUV color 47.0740, 17.7115, -34.2679.



This preview shows how white text looks on a background with the YUV color 47.0740, 17.7115,

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

47.0740, 17.7115, -34.2679

Protanopia

55.6430, 11.5150, -6.7029

Deuteranopia

55.3050, 14.1466, -10.7915



Tritanopia

44.0320, 11.3232, -38.6161

Trichromacy



Original Color

47.0740, 17.7115, -34.2679

Protanomaly

52.4460, 13.5841, -17.0541

Deuteranomaly

52.0050, 15.7735, -19.2984

Tritanomaly

45.0260, 13.7912, -36.8568

Monochromacy



Original Color

47.0740, 17.7115, -34.2679

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2310, 6.2951, -12.4806

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0740, 17.7115, -34.2679 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(8, 60, 83)` looks like.

```
.text, #text, p{  
    color:rgb(8, 60, 83)  
}
```

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(8, 60, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 60, 83) }
```

Border

The CSS property to change the border of an element to YUV 47.0740, 17.7115, -34.2679 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(8, 60, 83) }
```


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

```
.border{ border-color:rgb(8, 60, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 60, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 60, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 60, 83); box-shadow:4px  
4px 4px 4px rgb(8, 60, 83) }
```

Background

The CSS property to change the background color of an element to YUV 47.0740, 17.7115, -34.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 60, 83) }
```

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

```
.background{ background-color: rgb(8, 60,  
83) }
```

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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