

Converting Colors

YUV(97.4740, 4.2033, -41.6347)

Have a look what the booklet for
YUV(97.4740, 4.2033, -41.6347)
contains.

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Color

**YUV(97.4740, 4.2033,
-41.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	32786A
RGB	50, 120, 106
RGB Percent	20%, 47%, 42%
CMY	0.8039, 0.5294, 0.5843
CMYK	0.58, 0.00, 0.12, 0.53
HSL	168°, 41%, 33%
HSV	168°, 58%, 47%
XYZ	10.6334, 15.1517, 15.9998
YIQ	97.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

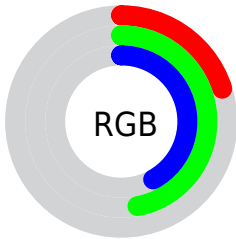
Format	Color
RYB	50, 89, 120
Decimal	3307626
CIELab	45.84, -25.63, 1.08
CIELCh	46, 25.655, 177.580
Yxy	15.1517, 0.2545, 0.3626
Android (android.graphics.Color)	4281497706 (0xFF32786A)
YUV	97.4740, 4.2033, -41.6347
Hunter-Lab	38.9251, -19.3572, 2.8770

Details

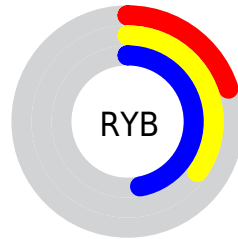
The YUV color **97.4740, 4.2033, -41.6347** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72.5260, -4.2033, 41.6347**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2460, 3.3297, -41.4347**, and **48.4030, 5.2243, -42.4494** is the 20% darker color. If you saturate the color by 10%, you get **93.6580, 5.0986, -48.8121**, and if you desaturate by 10%, it is **101.2900, 3.3080, -34.4573**.

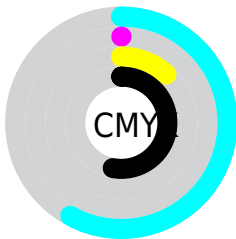
Distribution



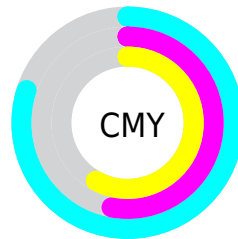
- Red (20%)
- Green (47%)
- Blue (42%)



- Red (20%)
- Yellow (35%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4740, 4.2033, -41.6347 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 97.4740, 4.2033, -41.6347 by changing the saturation by 10% instead.

■ 97.4740, 4.2033,
-41.6347

■ 97.4740, 4.2033,
-41.6347

■ 255.0000, 0.0000,
0.0000

■ 71.0930, 5.3772,
-44.8086

■ 150.2460, 3.3297,
-41.4347

■ 48.4030, 5.2243,
-42.4494

■ 177.2460, 3.3297,
-41.4347

■ 32.3940, 2.2708,
-28.4095

■ 204.9470, 3.4771,
-42.0495

■ 18.8470, -1.4036,
-16.5288

■ 232.3600, 3.7665,
-41.5347

■ 0.0000, 0.0000,
0.0000

■ 242.7410, 6.0437,
-25.2059

■ 251.4120, 1.7689,

-7.3773

■ 97.4740, 4.2033,
-41.6347

■ 97.4740, 4.2033,
-41.6347

■ 93.6580, 5.0986,
-48.8121

■ 101.2900, 3.3080,
-34.4573

■ 89.7280, 5.5571,
-55.8895

■ 105.2200, 2.8495,
-27.3799

■ 85.9120, 6.4524,
-63.0668

■ 109.0360, 1.9543,
-20.2026

■ 81.9820, 6.9109,
-70.1442

■ 112.9660, 1.4958,
-13.1252

■ 81.3840, 7.2057,
-71.3738

■ 116.7820, 0.6005,
-5.9478

■ 120.5980, -0.2948,
1.2296

■ 124.5280, -0.7533,
8.3069

■ 128.3440, -1.6486,
15.4843

■ 132.2740, -2.1071,
22.5617

Harmonies

Analogous

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



101.9790, -8.3706, -21.9066



97.4740, 4.2033, -41.6347



93.4040, 17.0558, -57.3593

Triad

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



97.4740, 4.2033, -41.6347



110.3970, 18.0453, -1.2252



108.5940, -17.5478, 28.4201

Complementary

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



97.4740, 4.2033, -41.6347



72.5260, -4.2033, 41.6347

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.



109.7010, -9.7126, 35.3422



97.4740, 4.2033, -41.6347



111.4660, 10.1233, 19.7623

Square

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



97.4740, 4.2033, -41.6347



104.7960, 22.7786, -26.1311



110.9100, 0.0444, 32.5279



107.5940, -20.9988, 15.2651

Rectangle

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



97.4740, 4.2033, -41.6347



94.7940, 22.2866, -55.0703



110.9100, 0.0444, 32.5279



109.1860, -15.3747, 31.4089

Sweetspot

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



97.4740, 4.2033, -41.6347



146.9440, 1.5066, -16.6139



95.2760, -22.3211, -27.4291



73.5750, 1.1955, -10.1513



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



97.4740, 4.2033, -41.6347



120.9010, 6.4578, -64.8112



86.7430, 16.3957, -32.2236



59.0920, 0.4476, -3.5887



84.7750, 7.5059, -74.3477



170.9520, 15.3067, -149.9249

Inverse Universe

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



72.5260, -4.2033, 41.6347



81.9850, -6.8946, 64.9112



83.2570, -16.3957, 32.2236



56.9080, -0.4476, 3.5887



40.2250, -7.5059, 74.3477



81.0480, -15.3067, 149.9249

Previews

White Background



This preview shows how the YUV color 97.4740, 4.2033, -41.6347 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 × Fail

Black Background



This preview shows how the YUV color 97.4740, 4.2033, -41.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

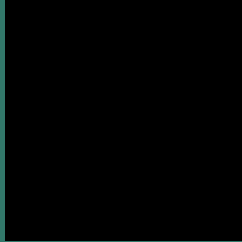
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.4740, 4.2033, -41.6347

Background



This preview shows how black text looks on a background with the YUV color 97.4740, 4.2033, -41.6347.



This preview shows how white text looks on a background with the YUV color 97.4740, 4.2033, -41.6347.

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

97.4740, 4.2033, -41.6347

Protanopia

108.1700, -4.5208, 3.3589

Deuteranopia

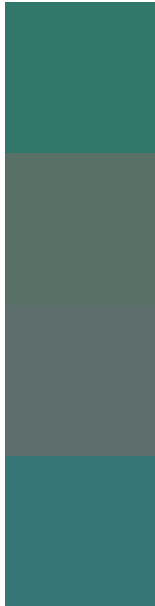
109.3430, -0.1691, 7.5922



Tritanopia

100.4990, 13.0650, -37.2716

Trichromacy



Original Color

97.4740, 4.2033, -41.6347

Protanomaly

103.9830, -0.9776, -13.1401

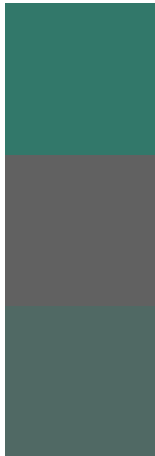
Deuteranomaly

104.6890, 1.6323, -10.2513

Tritanomaly

99.2770, 9.7234, -38.8309

Monochromacy



Original Color

97.4740, 4.2033, -41.6347

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4740, 4.2033, -41.6347 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(50, 120, 106)` looks like.

```
.text, #text, p{  
  color:rgb(50, 120, 106)  
}
```

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(50, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 120, 106) }
```

Border

The CSS property to change the border of an element to YUV 97.4740, 4.2033, -41.6347 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(50, 120, 106) }
```


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

```
.border{ border-color:rgb(50, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(50, 120,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 97.4740, 4.2033, -41.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 120, 106) }
```

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

```
.background{ background-color: rgb(50, 120,  
106) }
```

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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