

Converting Colors

YUV(99.7450, 6.5347, -42.7494)

Have a look what the booklet for
YUV(99.7450, 6.5347, -42.7494)
contains.

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Color

**YUV(99.7450, 6.5347,
-42.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	337A71
RGB	51, 122, 113
RGB Percent	20%, 48%, 44%
CMY	0.8000, 0.5216, 0.5569
CMYK	0.58, 0.00, 0.07, 0.52
HSL	172°, 41%, 34%
HSV	172°, 58%, 48%
XYZ	11.3054, 15.8151, 18.0796
YIQ	99.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

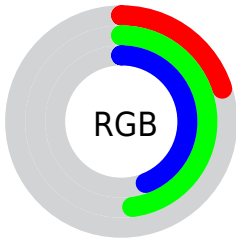
Format	Color
RYB	51, 89, 122
Decimal	3373681
CIELab	46.73, -24.50, -1.77
CIElCh	47, 24.559, 184.134
Yxy	15.8151, 0.2501, 0.3499
Android (android.graphics.Color)	4281563761 (0xFF337A71)
YUV	99.7450, 6.5347, -42.7494
Hunter-Lab	39.7682, -18.8500, 0.8832

Details

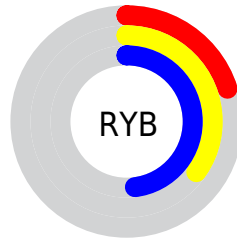
The YUV color **99.7450, 6.5347, -42.7494** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **73.2550, -6.5347, 42.7494**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9300, 5.9505, -42.0346**, and **50.2610, 7.2663, -44.0789** is the 20% darker color. If you saturate the color by 10%, you get **95.9290, 7.4300, -49.9267**, and if you desaturate by 10%, it is **103.5610, 5.6394, -35.5720**.

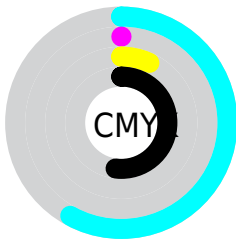
Distribution



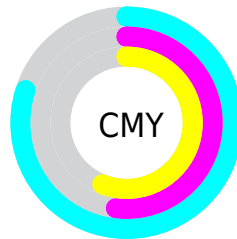
- Red (20%)
- Green (48%)
- Blue (44%)



- Red (20%)
- Yellow (35%)
- Blue (48%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7450, 6.5347, -42.7494 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 99.7450, 6.5347, -42.7494 by changing the saturation by 10% instead.

■ 99.7450, 6.5347,
-42.7494

■ 99.7450, 6.5347,
-42.7494

■ 255.0000, 0.0000,
0.0000

■ 73.0650, 7.8560,
-46.5380

■ 152.9300, 5.9505,
-42.0346

■ 50.2610, 7.2663,
-44.0789

■ 179.9300, 5.9505,
-42.0346

■ 34.2520, 4.3128,
-30.0390

■ 208.2180, 5.8085,
-43.1642

■ 20.2320, 1.3646,
-17.7435

■ 233.8700, 6.9661,
-41.1050

■ 0.0000, 0.0000,
0.0000

■ 243.3390, 5.7489,
-23.9763

■ 252.0100, 1.4741,

-6.1478

■ 99.7450, 6.5347,
-42.7494

■ 99.7450, 6.5347,
-42.7494

■ 95.9290, 7.4300,
-49.9267

■ 103.5610, 5.6394,
-35.5720

■ 92.2270, 8.7621,
-57.2041

■ 107.2630, 4.3073,
-28.2947

■ 88.1120, 9.8048,
-64.9962

■ 111.3780, 3.2646,
-20.5025

■ 84.4100, 11.1369,
-72.2736

■ 115.0800, 1.9326,
-13.2252

■ 83.8120, 11.4317,
-73.5031

■ 118.8960, 1.0373,
-6.0478

■ 122.5980, -0.2948,
1.2296

■ 126.4140, -1.1901,
8.4069

■ 130.4150, -2.6696,
16.2990

■ 134.2310, -3.5649,
23.4764

Harmonies

Analogous

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



103.3530, -5.5970, -24.8656



99.7450, 6.5347, -42.7494



97.5510, 17.4764, -52.2262

Triad

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



99.7450, 6.5347, -42.7494



112.5610, 15.9924, 3.8930



110.7570, -18.1212, 25.6461

Complementary

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



99.7450, 6.5347, -42.7494



73.2550, -6.5347, 42.7494

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.



111.9350, -11.3070, 33.3830



99.7450, 6.5347, -42.7494



113.7930, 7.4971, 22.1065

Square

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



99.7450, 6.5347, -42.7494



109.0850, 21.1571, -19.3685



113.0410, -1.9922, 32.4130



108.9140, -19.6776, 11.4764

Rectangle

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



99.7450, 6.5347, -42.7494



100.0230, 21.6807, -47.3782



113.0410, -1.9922, 32.4130



111.2350, -16.3849, 28.7349

Sweetspot

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



99.7450, 6.5347, -42.7494



149.5850, 2.6696, -16.2990



95.3680, -21.8734, -31.0177



73.9880, 1.4849, -9.6365



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.



99.7450, 6.5347, -42.7494



123.2150, 10.2470, -66.8406



85.5090, 17.9901, -30.2644



59.0920, 0.4476, -3.5887



85.8010, 11.4371, -75.2475



173.0040, 23.1690, -151.7245

Inverse Universe

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



73.2550, -6.5347, 42.7494



81.7850, -10.2470, 66.8406



87.4910, -17.9901, 30.2644



56.9080, -0.4476, 3.5887



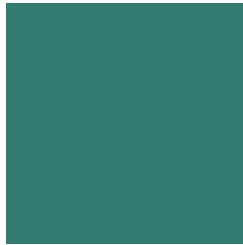
39.1990, -11.4371, 75.2475



78.9960, -23.1690, 151.7245

Previews

White Background



This preview shows how the YUV color 99.7450, 6.5347, -42.7494 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 99.7450, 6.5347, -42.7494 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 99.7450, 6.5347, -42.7494

Background



This preview shows how black text looks on a background with the YUV color 99.7450, 6.5347, -42.7494.



This preview shows how white text looks on a background with the YUV color 99.7450, 6.5347, -42.7494.

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

99.7450, 6.5347, -42.7494

Protanopia

110.4410, -2.1894, 2.2442

Deuteranopia

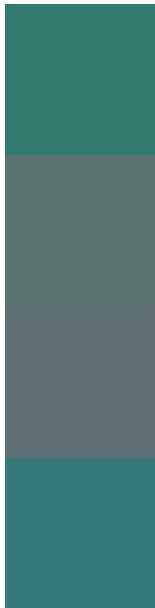
111.3150, 2.3097, 5.8627



Tritanopia

102.1890, 13.2178, -39.6308

Trichromacy



Original Color

99.7450, 6.5347, -42.7494

Protanomaly

106.2540, 1.3538, -14.2548

Deuteranomaly

106.9600, 3.9637, -11.3659

Tritanomaly

101.4940, 10.6025, -40.7752

Monochromacy



Original Color

99.7450, 6.5347, -42.7494

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7450, 6.5347, -42.7494 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(51, 122, 113)` looks like.

```
.text, #text, p{  
    color:rgb(51, 122, 113)  
}
```

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(51, 122, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 122, 113) }
```

Border

The CSS property to change the border of an element to YUV 99.7450, 6.5347, -42.7494 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(51, 122, 113) }
```


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

```
.border{ border-color:rgb(51, 122, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 122, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 122, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 122, 113);  
box-shadow:4px 4px 4px 4px rgb(51, 122,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 99.7450, 6.5347, -42.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 122, 113) }
```

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

```
.background{ background-color: rgb(51, 122,  
113) }
```

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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