

Converting Colors

YUV(97.0470, 15.2598,
-41.2602)

Have a look what the booklet for
YUV(97.0470, 15.2598, -41.2602)
contains.

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Color

**YUV(97.0470, 15.2598,
-41.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	327380
RGB	50, 115, 128
RGB Percent	20%, 45%, 50%
CMY	0.8039, 0.5490, 0.4980
CMYK	0.61, 0.10, 0.00, 0.50
HSL	190°, 44%, 35%
HSV	190°, 61%, 50%
XYZ	11.3424, 14.4981, 22.6227
YIQ	97.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

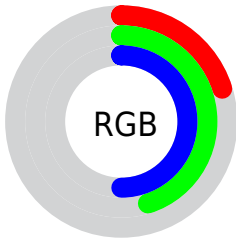
Format	Color
RYB	50, 85, 128
Decimal	3306368
CIELab	44.94, -16.50, -13.39
CIELCh	45, 21.251, 219.052
Yxy	14.4981, 0.2340, 0.2992
Android (android.graphics.Color)	4281496448 (0xFF327380)
YUV	97.0470, 15.2598, -41.2602
Hunter-Lab	38.0764, -13.4610, -8.5731

Details

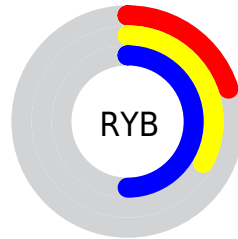
The YUV color **97.0470, 15.2598, -41.2602** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.9530, -15.2598, 41.2602**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7590, 15.4018, -40.1306**, and **48.3350, 15.1178, -42.3898** is the 20% darker color. If you saturate the color by 10%, you get **91.9860, 17.7549, -48.2227**, and if you desaturate by 10%, it is **102.1080, 12.7648, -34.2977**.

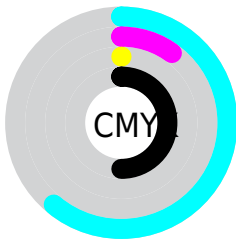
Distribution



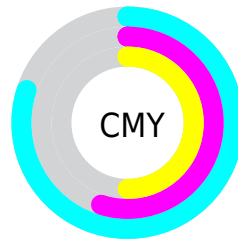
- Red (20%)
- Green (45%)
- Blue (50%)



- Red (20%)
- Yellow (33%)
- Blue (50%)



- Cyan (61%)
- Magenta (10%)
- Yellow (0%)
- Black (50%)



- Cyan (80%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0470, 15.2598, -41.2602 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 97.0470, 15.2598, -41.2602 by changing the saturation by 10% instead.

■ 97.0470, 15.2598,
-41.2602

■ 97.0470, 15.2598,
-41.2602

■ 255.0000, 0.0000,
0.0000

■ 69.6550, 16.4391,
-46.1784

■ 149.7590, 15.4018,
-40.1306

■ 48.3350, 15.1178,
-42.3898

■ 177.0580, 15.2544,
-39.5159

■ 32.2120, 11.7275,
-28.2499

■ 204.8730, 15.8386,
-40.2306

■ 18.5510, 7.6164,
-16.2692

■ 232.3200, 11.1812,
-39.7456

■ 1.2540, 4.8048,
-1.0998

■ 243.3390, 5.7489,
-23.9763

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 97.0470, 15.2598,
-41.2602

■ 97.0470, 15.2598,
-41.2602

■ 91.9860, 17.7549,
-48.2227

■ 102.1080, 12.7648,
-34.2977

■ 86.9250, 20.2500,
-55.1852

■ 107.1690, 10.2697,
-27.3352

■ 82.1630, 22.5976,
-61.5330

■ 111.9310, 7.9220,
-20.9875

■ 77.4010, 24.9453,
-67.8807

■ 117.5790, 5.1376,
-14.5398

■ 122.6400, 2.6425,
-7.5773

■ 127.7010, 0.1474,
-0.6148

■ 132.7620, -2.3477,
6.3477

■ 137.5240, -4.6953,
12.6955

■ 142.5850, -7.1904,
19.6580

Harmonies

Analogous

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



97.1910, 6.8078, -37.0015



97.0470, 15.2598, -41.2602



101.3240, 18.5743, -30.9791

Triad

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



97.0470, 15.2598, -41.2602



109.0980, 4.8817, 20.9621



104.6900, -16.6092, 7.2879

Complementary

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



97.0470, 15.2598, -41.2602



80.9530, -15.2598, 41.2602

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.



106.5930, -16.0683, 20.5279



97.0470, 15.2598, -41.2602



108.3780, -3.1444, 28.6095

Square

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



97.0470, 15.2598, -41.2602



108.6600, 12.4926, 6.4372



107.9020, -11.2907, 28.1499



102.7420, -12.1978, -7.6667

Rectangle

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



97.0470, 15.2598, -41.2602



103.9880, 18.2469, -19.2835



107.9020, -11.2907, 28.1499



105.3100, -16.9148, 12.0061

Sweetspot

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



97.0470, 15.2598, -41.2602



154.0950, 5.8692, -15.8693



97.2680, -16.8941, -41.4540



76.8570, 3.5215, -9.5216



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



97.0470, 15.2598, -41.2602



118.0810, 23.6241, -64.0920



74.1540, 26.5461, -21.1831



61.3200, 1.3212, -3.7886



76.8140, 25.2347, -67.3659



0.0000, 0.0000, 0.0000

Inverse Universe

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



80.7320, 16.8941, 41.4540



92.6930, 26.2804, 64.2902



103.8460, -26.5461, 21.1831



59.7770, 1.5889, 3.7036



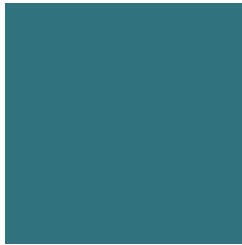
50.3560, 27.4325, 68.0938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 97.0470, 15.2598, -41.2602 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 97.0470, 15.2598, -41.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

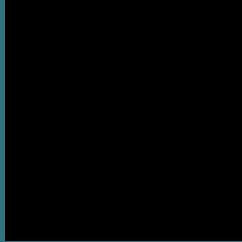
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.0470, 15.2598, -41.2602

Background



This preview shows how black text looks on a background with the YUV color 97.0470, 15.2598, -41.2602.



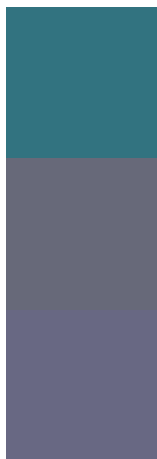
This preview shows how white text looks on a background with the YUV color 97.0470, 15.2598, -41.2602.

-41.2602.

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

97.0470, 15.2598, -41.2602

Protanopia

106.2260, 7.2836, -2.8292

Deuteranopia

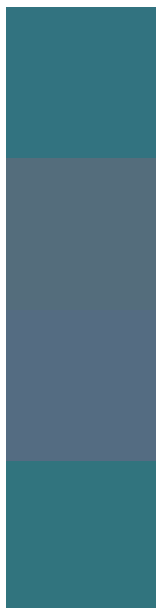
107.0780, 11.7935, -2.6994



Tritanopia

96.9930, 13.8075, -42.0899

Trichromacy



Original Color

97.0470, 15.2598, -41.2602

Protanomaly

103.2350, 10.2371, -16.8691

Deuteranomaly

103.3320, 13.1473, -16.9542

Tritanomaly

97.1070, 14.2442, -42.1898

Monochromacy



Original Color

97.0470, 15.2598, -41.2602

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2800, 5.2850, -15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0470, 15.2598, -41.2602 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, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(50, 115, 128)  
}
```

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, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 115, 128) }
```

Border

The CSS property to change the border of an element to YUV 97.0470, 15.2598, -41.2602 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, 115, 128) }
```


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

```
.border{ border-color:rgb(50, 115, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(50, 115,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 97.0470, 15.2598, -41.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 115, 128) }
```

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

```
.background{ background-color: rgb(50, 115,  
128) }
```

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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