

Converting Colors

YUV(123.4990, -7.1480,
-40.7796)

Have a look what the booklet for
YUV(123.4990, -7.1480, -40.7796)
contains.

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Color

**YUV(123.4990, -7.1480,
-40.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	4D966D
RGB	77, 150, 109
RGB Percent	30%, 59%, 43%
CMY	0.6980, 0.4118, 0.5725
CMYK	0.49, 0.00, 0.27, 0.41
HSL	146°, 32%, 45%
HSV	146°, 49%, 59%
XYZ	16.7272, 24.4946, 18.3143
YIQ	123.4990, -30.3470, -28.2270

Conversions

Conversions Part 2

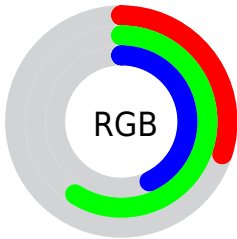
Format	Color
RYB	77, 128, 150
Decimal	5084781
CIELab	56.58, -32.65, 14.74
CIELCh	57, 35.817, 155.705
Yxy	24.4946, 0.2810, 0.4114
Android (android.graphics.Color)	4283274861 (0xFF4D966D)
YUV	123.4990, -7.1480, -40.7796
Hunter-Lab	49.4920, -26.2819, 12.7044

Details

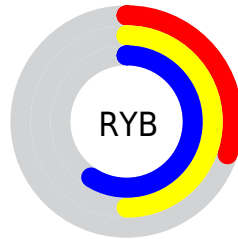
The YUV color $123.4990, -7.1480, -40.7796$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $103.5010, 7.1480, 40.7796$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.5590, -8.1636, -41.7092$, and $70.4600, -4.6638, -44.2534$ is the 20% darker color. If you saturate the color by 10%, you get $118.1020, -8.4313, -49.2015$, and if you desaturate by 10%, it is $128.8960, -5.8647, -32.3578$.

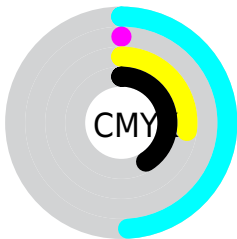
Distribution



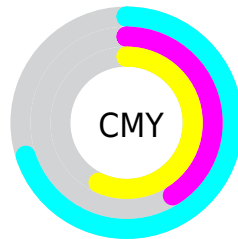
- Red (30%)
- Green (59%)
- Blue (43%)



- Red (30%)
- Yellow (50%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4990, -7.1480, -40.7796 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 123.4990, -7.1480, -40.7796 by changing the saturation by 10% instead.

■ 123.4990, -7.1480,
-40.7796

■ 123.4990, -7.1480,
-40.7796

■ 255.0000, 0.0000,
0.0000

■ 97.4280, -6.1270,
-41.5944

■ 177.5590, -8.1636,
-41.7092

■ 70.4600, -4.6638,
-44.2534

■ 205.4450, -8.6004,
-41.6093

■ 47.8840, -4.3798,
-41.9943

■ 229.5100, -7.1534,
-39.0353

■ 31.9890, -6.8966,
-28.0544

■ 241.4870, 1.2389,
-24.1061

■ 18.1970, -8.9711,
-15.9588

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 123.4990, -7.1480,
-40.7796

■ 123.4990, -7.1480,
-40.7796

■ 118.1020, -8.4313,
-49.2015

■ 128.8960, -5.8647,
-32.3578

■ 112.5910,
-10.1514, -57.5233

■ 134.4070, -4.1447,
-24.0359

■ 107.1940,
-11.4346, -65.9451

■ 139.8040, -2.8614,
-15.6141

■ 101.6830,
-13.1547, -74.2670

■ 145.3150, -1.1413,
-7.2923

■ 96.2860, -14.4380,
-82.6888

■ 150.7120, 0.1420,
1.1296

■ 95.5740, -14.5800,
-83.8184

■ 156.2230, 1.8621,
9.4514

■ 161.6200, 3.1453,
17.8733

■ 167.0170, 4.4286,

26.2951

■ 172.5280, 6.1487,
34.6169

Harmonies

Analogous

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



129.6740, -22.5173, -11.1151



123.4990, -7.1480, -40.7796



108.8860, 15.8322, -84.9690

Triad

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



123.4990, -7.1480, -40.7796



132.1790, 31.9568, -29.9750



136.7260, -17.6129, 49.3523

Complementary

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



123.4990, -7.1480, -40.7796



103.5010, 7.1480, 40.7796

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.



138.3960, -3.6462, 49.6417



123.4990, -7.1480, -40.7796



138.5320, 23.4017, 7.4264

Square

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



123.4990, -7.1480, -40.7796



115.0650, 37.9290, -78.9870



139.7930, 10.9481, 35.2615



135.0050, -27.6105, 35.9526

Rectangle

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



123.4990, -7.1480, -40.7796



107.6920, 26.7738, -94.4459



139.7930, 10.9481, 35.2615



137.1760, -13.3978, 50.7116

Sweetspot

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



123.4990, -7.1480, -40.7796



183.3910, -3.1508, -16.1289



132.1100, -27.1692, -12.3745



90.4780, -1.7147, -10.0662



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



123.4990, -7.1480, -40.7796



153.0310, -10.8613, -63.1712



127.6030, 8.5767, -44.3788



71.4510, -0.7153, -3.9035



87.8460, -13.7281, -77.0409



6.3260, -1.1467, -5.5479

Inverse Universe

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



103.5010, 7.1480, 40.7796



122.0830, 11.2981, 63.0712



99.3970, -8.5767, 44.3788



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 123.4990, -7.1480, -40.7796 looks on a white 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

Black Background



This preview shows how the YUV color 123.4990, -7.1480, -40.7796 looks on a black 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

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

YUV 123.4990, -7.1480, -40.7796

Background



This preview shows how black text looks on a background with the YUV color 123.4990, -7.1480, -40.7796.



This preview shows how white text looks on a background with the YUV color 123.4990, -7.1480,

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

123.4990, -7.1480, -40.7796

Protanopia

133.9290, -15.7410, 8.8323

Deuteranopia

135.8360, -11.2581, 17.6838



Tritanopia

128.9230, 13.3490, -35.0125

Trichromacy



Original Color

123.4990, -7.1480, -40.7796

Protanomaly

130.0300, -12.3398, -8.7963

Deuteranomaly

131.1600, -9.4459, -3.6483

Tritanomaly

126.9630, 5.9342, -36.8016

Monochromacy



Original Color

123.4990, -7.1480, -40.7796

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2170, -2.5720, -15.0993

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4990, -7.1480, -40.7796 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(77, 150, 109)` looks like.

```
.text, #text, p{  
    color:rgb(77, 150, 109)  
}
```

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(77, 150, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 150, 109) }
```

Border

The CSS property to change the border of an element to YUV 123.4990, -7.1480, -40.7796 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(77, 150, 109) }
```


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

```
.border{ border-color:rgb(77, 150, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 150, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 150, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 150, 109); box-shadow:4px 4px 4px 4px rgb(77, 150, 109) }
```

Background

The CSS property to change the background color of an element to YUV 123.4990, -7.1480, -40.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 150, 109) }
```

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

```
.background{ background-color: rgb(77, 150,  
109) }
```

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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