

Converting Colors

YUV(165.0410, -32.5582,
-10.5600)

Have a look what the booklet for
YUV(165.0410, -32.5582, -10.5600)
contains.

YUV(165.0410, -32.5582, -10.5600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.0410, -32.5582,
-10.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	99B863
RGB	153, 184, 99
RGB Percent	60%, 72%, 39%
CMY	0.4000, 0.2784, 0.6118
CMYK	0.17, 0.00, 0.46, 0.28
HSL	82°, 37%, 55%
HSV	82°, 46%, 72%
XYZ	32.5295, 41.9541, 18.1879
YIQ	165.0410, 8.8090, -33.0070

Conversions

Conversions Part 2

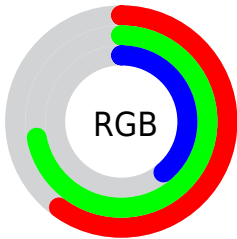
Format	Color
RYB	99, 184, 130
Decimal	10074211
CIELab	70.84, -24.56, 39.58
CIELCh	71, 46.580, 121.826
Yxy	41.9541, 0.3510, 0.4527
Android (android.graphics.Color)	4288264291 (0xFF99B863)
YUV	165.0410, -32.5582, -10.5600
Hunter-Lab	64.7720, -23.7056, 28.6919

Details

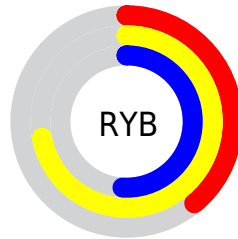
The YUV color **165.0410, -32.5582, -10.5600** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **117.9590, 32.5582, 10.5600**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5850, -34.3054, -10.1600**, and **112.3830, -31.2478, -10.8599** is the 20% darker color. If you saturate the color by 10%, you get **160.8960, -39.3887, -13.0638**, and if you desaturate by 10%, it is **169.1860, -25.7277, -8.0561**.

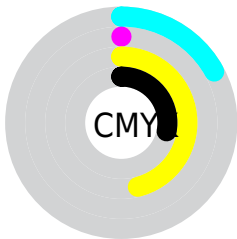
Distribution



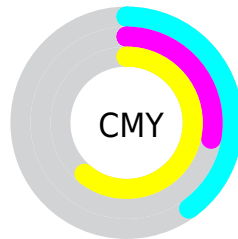
- Red (60%)
- Green (72%)
- Blue (39%)



- Red (39%)
- Yellow (72%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (46%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0410, -32.5582, -10.5600 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 165.0410, -32.5582, -10.5600 by changing the saturation by 10% instead.

■ 165.0410,
-32.5582, -10.5600

■ 165.0410,
-32.5582, -10.5600

■ 255.0000, 0.0000,
0.0000

■ 138.2690,
-31.6846, -10.7599

■ 220.5850,
-34.3054, -10.1600

■ 112.3830,
-31.2478, -10.8599

■ 240.9540,
-30.5433, -3.4677

■ 87.3830, -31.2478,
-10.8599

■ 249.4140,
-21.4031, 4.8989

■ 62.4970, -30.8110,
-10.9599

■ 252.7200, -8.7360,
1.9996

■ 41.8200, -20.6173,
-13.8741

■ 21.1320, -10.4181,
-18.5328

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 165.0410,
-32.5582, -10.5600

■ 165.0410,
-32.5582, -10.5600

■ 160.8960,
-39.3887, -13.0638

■ 169.1860,
-25.7277, -8.0561

■ 156.9360,
-46.8034, -14.8529

■ 173.1460,
-18.3130, -6.2670

■ 152.7910,
-53.6340, -17.3567

■ 177.2910,
-11.4825, -3.7632

■ 148.5320,
-60.9013, -19.7606

■ 181.5500, -4.2152,
-1.3594

■ 144.3870,
-67.7318, -22.2644

■ 185.6950, 2.6154,
1.1445

■ 142.9910,
-70.4946, -22.7941

■ 189.5410, 9.5933,
3.0335

■ 193.8000, 16.8606,
5.4374

■ 197.9450, 23.6911,
7.9412

■ 200.7650, 26.7379,
10.7301

Harmonies

Analogous

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



169.7850, -40.8130, 23.8676



165.0410, -32.5582, -10.5600



157.3530, -12.4990, -51.1756

Triad

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



165.0410, -32.5582, -10.5600



138.5140, 53.4836, -121.4768



176.5490, -2.2427, 66.1705

Complementary

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



165.0410, -32.5582, -10.5600



117.9590, 32.5582, 10.5600

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.



178.2700, 17.6149, 43.6132



165.0410, -32.5582, -10.5600



165.2610, 44.2413, -50.2179

Square

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



165.0410, -32.5582, -10.5600



138.6160, 38.6433, -121.5662



176.2570, 33.8903, 3.2826



173.9240, -21.1615, 67.5957

Rectangle

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



165.0410, -32.5582, -10.5600



146.4590, 6.6757, -88.1025



176.2570, 33.8903, 3.2826



177.3510, 4.7570, 61.0822

Sweetspot

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



165.0410, -32.5582, -10.5600



232.2370, -12.9348, -4.5928



142.0250, -21.2113, 36.8121



115.2140, -7.9935, -2.8187



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



165.0410, -32.5582, -10.5600



210.6000, -50.5818, -16.3122



152.7820, -26.5145, -35.7658



89.7780, -3.3416, -1.5593



121.1730, -59.7383, -19.4457



21.8180, -10.7563, -3.3484

Inverse Universe

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



117.9590, 32.5582, 10.5600



137.4000, 50.5818, 16.3122



130.2180, 26.5145, 35.7658



84.9230, 3.4890, 0.9445



34.8270, 59.7383, 19.4457



6.1820, 10.7563, 3.3484

Previews

White Background



This preview shows how the YUV color 165.0410, -32.5582, -10.5600 looks on a white 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

Black Background



This preview shows how the YUV color 165.0410, -32.5582, -10.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

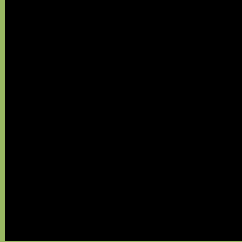
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0410, -32.5582, -10.5600 Background



This preview shows how black text looks on a background with the YUV color 165.0410, -32.5582, -10.5600.



This preview shows how white text looks on a background with the YUV color 165.0410, -32.5582, -10.5600.

-10.5600.

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

165.0410, -32.5582, -10.5600

Protanopia

169.1910, -36.5762, 18.2495

Deuteranopia

171.5010, -33.2780, 33.7636



Tritanopia

172.9050, 7.4418, -6.9327

Trichromacy



Original Color

165.0410, -32.5582, -10.5600

Protanomaly

167.7660, -35.3806, 8.0982

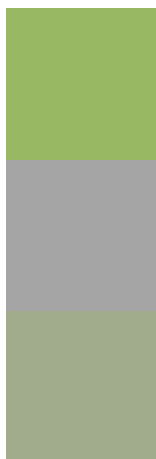
Deuteranomaly

169.1030, -33.0818, 17.4497

Tritanomaly

170.4090, -7.1036, -8.2517

Monochromacy



Original Color

165.0410, -32.5582, -10.5600

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1770, -11.9193, -3.6632

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0410, -32.5582, -10.5600 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(153, 184, 99)` looks like.

```
.text, #text, p{  
    color:rgb(153, 184, 99)  
}
```

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(153, 184, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 184, 99) }
```

Border

The CSS property to change the border of an element to YUV 165.0410, -32.5582, -10.5600 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(153, 184, 99) }
```


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

```
.border{ border-color:rgb(153, 184, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 184, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 184, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 184, 99);  
box-shadow:4px 4px 4px 4px rgb(153, 184,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 165.0410, -32.5582, -10.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 184, 99) }
```

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

```
.background{ background-color: rgb(153,  
184, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor