

Converting Colors

YUV(164.3030, -36.6314,
-10.7897)

Have a look what the booklet for
YUV(164.3030, -36.6314, -10.7897)
contains.

YUV(164.3030, -36.6314, -10.7897)	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(164.3030, -36.6314,
-10.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	98B95A
RGB	152, 185, 90
RGB Percent	60%, 73%, 35%
CMY	0.4039, 0.2745, 0.6471
CMYK	0.18, 0.00, 0.51, 0.27
HSL	81°, 40%, 54%
HSV	81°, 51%, 73%
XYZ	32.1433, 42.1115, 16.1071
YIQ	164.3030, 10.8270, -36.5410

Conversions

Conversions Part 2

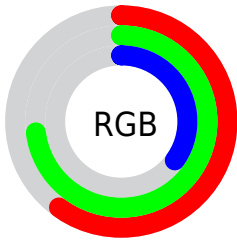
Format	Color
RYB	90, 185, 123
Decimal	10008922
CIELab	70.95, -26.42, 44.14
CIELCh	71, 51.439, 120.906
Yxy	42.1115, 0.3557, 0.4660
Android (android.graphics.Color)	4288199002 (0xFF98B95A)
YUV	164.3030, -36.6314, -10.7897
Hunter-Lab	64.8934, -25.1479, 30.7091

Details

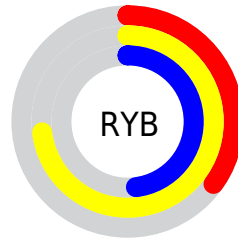
The YUV color **164.3030, -36.6314, -10.7897** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **110.6970, 36.6314, 10.7897**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8470, -38.3786, -10.3898**, and **111.5310, -35.7578, -10.9897** is the 20% darker color. If you saturate the color by 10%, you get **160.4570, -43.6093, -12.6788**, and if you desaturate by 10%, it is **168.2630, -29.2167, -9.0007**.

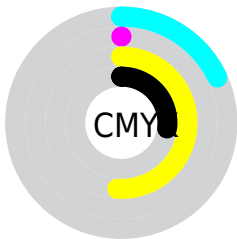
Distribution



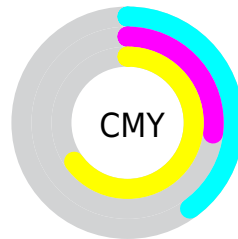
- Red (60%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3030, -36.6314, -10.7897 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 164.3030, -36.6314, -10.7897 by changing the saturation by 10% instead.

■ 164.3030,
-36.6314, -10.7897

■ 164.3030,
-36.6314, -10.7897

255.0000, 0.0000,
0.0000

■ 137.5310,
-35.7578, -10.9897

■ 219.8470,
-38.3786, -10.3898

■ 111.5310,
-35.7578, -10.9897

■ 239.8140,
-34.9113, -2.4679

■ 85.1890, -37.0682,
-10.6898

■ 248.3880,
-25.3343, 5.7987

■ 62.4860, -30.8056,
-12.7042

■ 251.6940,
-12.6671, 2.8994

■ 41.2110, -20.3170,
-16.8480

■ 21.7190, -10.7075,
-19.0476

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 164.3030,
-36.6314, -10.7897

■ 164.3030,
-36.6314, -10.7897

■ 160.4570,
-43.6093, -12.6788

■ 168.2630,
-29.2167, -9.0007

■ 156.1980,
-50.8766, -15.0826

■ 172.4080,
-22.3861, -6.4968

■ 152.3520,
-57.8545, -16.9717

■ 176.3680,
-14.9714, -4.7077

■ 148.0930,
-65.1218, -19.3756

■ 180.5130, -8.1409,
-2.2039

■ 144.7740,
-71.3736, -20.8498

■ 184.4730, -0.7262,
-0.4148

■ 188.6180, 6.1043,
2.0890

■ 192.5780, 13.5190,
3.8781

■ 196.4240, 20.4970,
5.7672

■ 200.4550, 26.8907,
8.3710

Harmonies

Analogous

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



169.5420, -45.6232, 26.7117



164.3030, -36.6314, -10.7897



155.4510, -14.5193, -56.5235

Triad

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



164.3030, -36.6314, -10.7897



140.6000, 56.3992, -123.3062



174.7390, -0.3643, 70.3889

Complementary

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



164.3030, -36.6314, -10.7897



110.6970, 36.6314, 10.7897

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.



178.6880, 20.3668, 47.6316



164.3030, -36.6314, -10.7897



160.7650, 46.4579, -61.1839

Square

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



164.3030, -36.6314, -10.7897



140.1320, 39.3749, -122.8958



176.9840, 37.9689, 1.7680



172.4300, -21.9040, 72.4139

Rectangle

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



164.3030, -36.6314, -10.7897



133.5370, 11.5673, -117.1119



176.9840, 37.9689, 1.7680



177.1390, 6.3405, 66.5301

Sweetspot

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



164.3030, -36.6314, -10.7897



232.0090, -13.8084, -4.3929



137.1890, -23.2642, 41.9302



115.1000, -8.4303, -2.7187



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.



164.3030, -36.6314, -10.7897



207.4660, -57.4177, -17.0717



150.5490, -29.8507, -39.0695



90.0770, -3.4890, -0.9445



122.0700, -60.1805, -17.6014



21.8180, -10.7563, -3.3484

Inverse Universe

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



110.6970, 36.6314, 10.7897



123.5340, 57.4177, 17.0717



124.4510, 29.8507, 39.0695



84.9230, 3.4890, 0.9445



33.9300, 60.1805, 17.6014



6.1820, 10.7563, 3.3484

Previews

White Background



This preview shows how the YUV color 164.3030, -36.6314, -10.7897 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 164.3030, -36.6314, -10.7897 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 164.3030, -36.6314, -10.7897 Background



This preview shows how black text looks on a background with the YUV color 164.3030, -36.6314, -10.7897.



This preview shows how white text looks on a background with the YUV color 164.3030, -36.6314, -10.7897.

-10.7897.

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

164.3030, -36.6314, -10.7897

Protanopia

168.4640, -40.6548, 19.7641

Deuteranopia

171.0730, -37.5040, 35.8930



Tritanopia

172.9050, 7.4418, -6.9327

Trichromacy



Original Color

164.3030, -36.6314, -10.7897

Protanomaly

166.7400, -39.3118, 8.9980

Deuteranomaly

168.3760, -37.1604, 18.9642

Tritanomaly

169.6540, -8.7034, -8.4666

Monochromacy



Original Color

164.3030, -36.6314, -10.7897

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.4220, -13.5190, -3.8781

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3030, -36.6314, -10.7897 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(152, 185, 90)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 90)  
}
```

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(152, 185, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 90) }
```

Border

The CSS property to change the border of an element to YUV 164.3030, -36.6314, -10.7897 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(152, 185, 90) }
```


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

```
.border{ border-color:rgb(152, 185, 90) }
```

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

Here you see how a box with a 4 pixel rgb(152, 185, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 90);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 164.3030, -36.6314, -10.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 90) }
```

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

```
.background{ background-color: rgb(152,  
185, 90) }
```

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