

Converting Colors

YUV(190.0230, -41.9163,
4.3648)

Have a look what the booklet for
YUV(190.0230, -41.9163, 4.3648)
contains.

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Color

**YUV(190.0230, -41.9163,
4.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CC69
RGB	195, 204, 105
RGB Percent	76%, 80%, 41%
CMY	0.2353, 0.2000, 0.5882
CMYK	0.04, 0.00, 0.49, 0.20
HSL	65°, 49%, 61%
HSV	65°, 49%, 80%
XYZ	46.6483, 55.8078, 21.6779
YIQ	190.0230, 26.4150, -32.6970

Conversions

Conversions Part 2

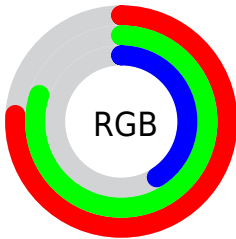
Format	Color
RYB	105, 204, 114
Decimal	12831849
CIELab	79.50, -17.26, 47.88
CIELCh	80, 50.894, 109.821
Yxy	55.8078, 0.3758, 0.4496
Android (android.graphics.Color)	4291021929 (0xFFC3CC69)
YUV	190.0230, -41.9163, 4.3648
Hunter-Lab	74.7046, -19.2709, 35.0883

Details

The YUV color **190.0230, -41.9163, 4.3648** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **118.9770, 41.9163, -4.3648**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3440, -42.0746, 8.4683**, and **135.7670, -40.3111, 2.8353** is the 20% darker color. If you saturate the color by 10%, you get **187.1450, -50.3575, 5.1348**, and if you desaturate by 10%, it is **192.9010, -33.4752, 3.5948**.

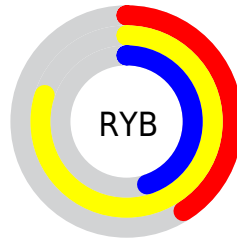
Distribution



Red (76%)

Green (80%)

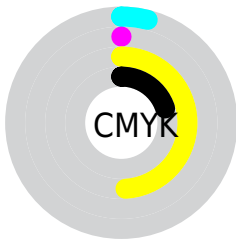
Blue (41%)



Red (41%)

Yellow (80%)

Blue (45%)

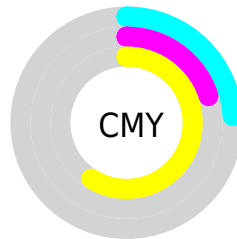


Cyan (4%)

Magenta (0%)

Yellow (49%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0230, -41.9163, 4.3648 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 190.0230, -41.9163, 4.3648 by changing the saturation by 10% instead.

■ 190.0230,
-41.9163, 4.3648

■ 190.0230,
-41.9163, 4.3648

■ 255.0000, 0.0000,
0.0000

■ 162.8380,
-41.3321, 3.6501

■ 243.3440,
-42.0746, 8.4683

■ 135.7670,
-40.3111, 2.8353

■ 247.1340,
-30.1391, 6.8985

■ 109.3540,
-40.6005, 2.3205

■ 250.3260,
-17.9087, 4.0991

■ 83.8270, -41.3267,
1.9057

■ 253.6320, -5.2416,
1.1997

■ 62.2640, -30.6962,
-1.1085

■ 41.8750, -20.6444,
-5.1524

■ 21.1760, -10.4398,

-11.5554

■ 0.0000, 0.0000,
0.0000

■ 190.0230,
-41.9163, 4.3648

■ 190.0230,
-41.9163, 4.3648

■ 187.1450,
-50.3575, 5.1348

■ 192.9010,
-33.4752, 3.5948

■ 184.1530,
-59.2354, 6.0048

■ 195.8930,
-24.5972, 2.7248

■ 181.2750,
-67.6766, 6.7748

■ 198.7710,
-16.1561, 1.9548

■ 178.5820,
-76.7019, 8.2596

■ 201.4640, -7.1308,
0.4701

■ 175.7040,
-85.1431, 9.0296

■ 204.3420, 1.3104,
-0.2999

■ 175.0630,
-86.3061, 8.7147

■ 207.2200, 9.7515,
-1.0699

■ 210.2120, 18.6295,
-1.9399

■ 211.6080, 21.3923,
-1.4102

■ 212.2060, 21.0974,
-0.1807

Harmonies

Analogous

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



194.3310, -45.5192, 40.0517



190.0230, -41.9163, 4.3648



183.3410, -24.3251, -38.0101

Triad

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



190.0230, -41.9163, 4.3648



156.4490, 48.5856, -137.2058



194.6750, 10.0202, 52.9050

Complementary

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



190.0230, -41.9163, 4.3648



118.9770, 41.9163, -4.3648

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.



202.3810, 25.9412, 32.9919



190.0230, -41.9163, 4.3648



174.2000, 39.8344, -83.4904

Square

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



190.0230, -41.9163, 4.3648



155.7190, 35.6345, -136.5656



193.8110, 30.1662, -15.6202



189.2030, -10.9461, 57.7040

Rectangle

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



190.0230, -41.9163, 4.3648



175.5400, -6.1822, -70.6336



193.8110, 30.1662, -15.6202



198.2600, 16.1408, 49.7610

Sweetspot

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



190.0230, -41.9163, 4.3648



249.7710, -16.1561, 1.9548



139.2970, -16.9084, 56.7445



124.4810, -9.6041, 0.4552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



190.0230, -41.9163, 4.3648



234.2410, -62.7298, 6.8046



175.3720, -34.6934, -25.7592



100.5610, -4.2206, 0.3850



142.5910, -70.2974, 7.3747



32.7710, -16.1561, 1.9548

Inverse Universe

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



118.9770, 41.9163, -4.3648



128.0580, 62.5824, -6.1899



133.6280, 34.6934, 25.7592



93.4390, 4.2206, -0.3850



23.4090, 70.2974, -7.3747



5.2290, 16.1561, -1.9548

Previews

White Background



This preview shows how the YUV color 190.0230, -41.9163, 4.3648 looks on a white background.

Color Contrast Check

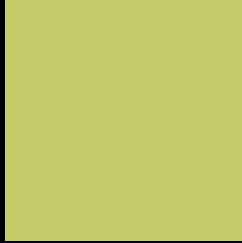
Large Text (above 18pt) WCAG AA × Fail

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 190.0230, -41.9163, 4.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

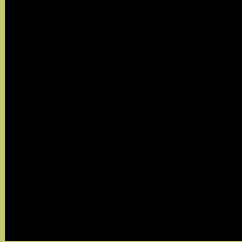
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0230, -41.9163, 4.3648

Background



This preview shows how black text looks on a background with the YUV color 190.0230, -41.9163, 4.3648.



This preview shows how white text looks on a background with the YUV color 190.0230, -41.9163, 4.3648.

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

190.0230, -41.9163, 4.3648

Protanopia

192.2640, -44.0072, 21.6935

Deuteranopia

194.5420, -42.1722, 39.8667



Tritanopia

198.5970, 4.6357, 6.4924

Trichromacy



Original Color

190.0230, -41.9163, 4.3648

Protanomaly

191.7470, -43.2593, 15.1309

Deuteranomaly

193.1660, -41.9868, 27.0414

Tritanomaly

195.5310, -12.0938, 5.6733

Monochromacy



Original Color

190.0230, -41.9163, 4.3648

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9990, -15.2825, 1.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0230, -41.9163, 4.3648 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(195, 204, 105)` looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 105)  
}
```

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(195, 204, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 105) }
```

Border

The CSS property to change the border of an element to YUV 190.0230, -41.9163, 4.3648 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(195, 204, 105) }
```


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

```
.border{ border-color:rgb(195, 204, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 204, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 204, 105); box-shadow:4px 4px 4px 4px rgb(195, 204, 105) }
```

Background

The CSS property to change the background color of an element to YUV 190.0230, -41.9163, 4.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 105) }
```

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

```
.background{ background-color: rgb(195,  
204, 105) }
```

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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