

Converting Colors

YUV(191.5850, -44.1654,
25.7970)

Have a look what the booklet for
YUV(191.5850, -44.1654, 25.7970)
contains.

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Color

**YUV(191.5850, -44.1654,
25.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC266
RGB	221, 194, 102
RGB Percent	87%, 76%, 40%
CMY	0.1333, 0.2392, 0.6000
CMYK	0.00, 0.12, 0.54, 0.13
HSL	46°, 64%, 63%
HSV	46°, 54%, 87%
XYZ	51.5089, 54.9150, 20.4552
YIQ	191.5850, 45.6240, -22.8880

Conversions

Conversions Part 2

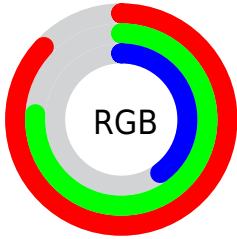
Format	Color
RYB	137, 221, 102
Decimal	14533222
CIELab	78.99, -1.80, 49.23
CIElCh	79, 49.267, 92.097
Yxy	54.9150, 0.4060, 0.4328
Android (android.graphics.Color)	4292723302 (0xFFDDC266)
YUV	191.5850, -44.1654, 25.7970
Hunter-Lab	74.1047, -5.6110, 35.5074

Details

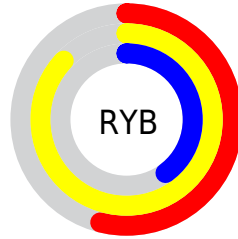
The YUV color **191.5850, -44.1654, 25.7970** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **131.4150, 44.1654, -25.7970**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6650, -42.2328, 12.5718**, and **137.3180, -42.5548, 22.5231** is the 20% darker color. If you saturate the color by 10%, you get **186.1420, -52.3280, 30.5705**, and if you desaturate by 10%, it is **197.0280, -36.0028, 21.0234**.

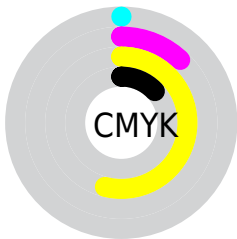
Distribution



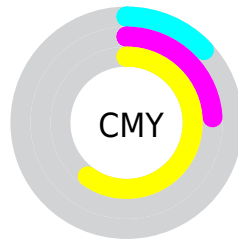
- Red (87%)
- Green (76%)
- Blue (40%)



- Red (54%)
- Yellow (87%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5850, -44.1654, 25.7970 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 191.5850, -44.1654, 25.7970 by changing the saturation by 10% instead.

■ 191.5850,
-44.1654, 25.7970

■ 191.5850,
-44.1654, 25.7970

■ 255.0000, 0.0000,
0.0000

■ 164.1010,
-43.4338, 24.4674

■ 240.6650,
-42.2328, 12.5718

■ 137.3180,
-42.5548, 22.5231

■ 246.7920,
-31.4495, 7.1984

■ 110.6060,
-42.6968, 21.3935

■ 249.9840,
-19.2191, 4.3990

■ 85.7090, -42.2545,
19.5492

■ 253.2900, -6.5520,
1.4997

■ 64.4340, -31.7660,
15.4054

■ 43.7460, -21.5668,
10.7468

■ 23.9440, -11.8044,

6.1881

■ 0.0000, 0.0000,
0.0000

■ 191.5850,
-44.1654, 25.7970

■ 191.5850,
-44.1654, 25.7970

■ 186.1420,
-52.3280, 30.5705

■ 197.0280,
-36.0028, 21.0234

■ 180.6990,
-60.4906, 35.3440

■ 202.4710,
-27.8402, 16.2499

■ 175.2560,
-68.6532, 40.1175

■ 207.9140,
-19.6776, 11.4764

■ 169.8130,
-76.8158, 44.8910

■ 213.3570,
-11.5150, 6.7029

■ 166.4560,
-82.0628, 47.8351

■ 218.9140, -2.9156,
1.8294

■ 224.3570, 5.2470,
-2.9441

■ 229.5720, 12.5360,
-7.5176

■ 232.5070, 11.0890,
-10.0916

■ 235.4420, 9.6421,
-12.6656

Harmonies

Analogous

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



193.8410, -38.8686, 53.6364



191.5850, -44.1654, 25.7970



186.4600, -34.7368, -11.8044

Triad

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



191.5850, -44.1654, 25.7970



155.6680, 43.0547, -136.5208



200.9330, 18.7670, 47.4168

Complementary

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



191.5850, -44.1654, 25.7970



131.4150, 44.1654, -25.7970

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.



196.9000, 28.6433, 6.2267



191.5850, -44.1654, 25.7970



153.5140, 50.0326, -134.6318

Square

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



191.5850, -44.1654, 25.7970



151.0110, 22.6726, -132.4366



183.8560, 35.0740, -49.8627



191.1070, 1.4262, 56.0342

Rectangle

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



191.5850, -44.1654, 25.7970



181.6120, -21.9937, -39.1247



183.8560, 35.0740, -49.8627



201.1640, 25.0621, 34.9362

Sweetspot

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



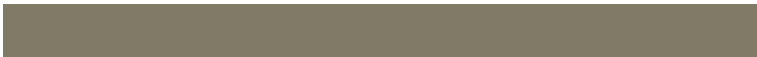
191.5850, -44.1654, 25.7970



245.0430, -15.3042, 8.7323



140.7730, -5.3111, 70.3591



121.6280, -9.1836, 5.5882



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.



191.5850, -44.1654, 25.7970



213.7700, -61.5116, 36.1587



197.8660, -47.2619, -7.7755



106.9850, -3.9366, 2.6442



130.3850, -64.2798, 37.3734



34.2990, -16.9094, 10.2618

Inverse Universe

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



131.4150, 44.1654, -25.7970



130.2300, 61.5116, -36.1587



125.1340, 47.2619, 7.7755



101.4280, 4.2260, -2.1294



42.6150, 64.2798, -37.3734



11.1140, 17.1988, -9.7470

Previews

White Background



This preview shows how the YUV color 191.5850, -44.1654, 25.7970 looks on a white background.

Color Contrast Check

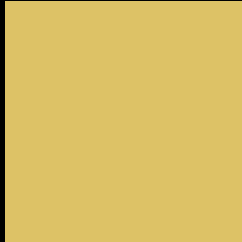
Large Text (above 18pt) WCAG AA × Fail

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 191.5850, -44.1654, 25.7970 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 191.5850, -44.1654, 25.7970

Background



This preview shows how black text looks on a background with the YUV color 191.5850, -44.1654, 25.7970.



This preview shows how white text looks on a background with the YUV color 191.5850, -44.1654, 25.7970.

25.7970.

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

191.5850, -44.1654, 25.7970

Protanopia

191.3780, -43.5704, 21.5935

Deuteranopia

192.7980, -43.7774, 41.3962



Tritanopia

198.6490, -0.8130, 27.4948

Trichromacy



Original Color

191.5850, -44.1654, 25.7970

Protanomaly

191.3890, -43.5758, 23.3378

Deuteranomaly

192.3520, -44.0505, 35.6483

Tritanomaly

196.1100, -16.8162, 27.0905

Monochromacy



Original Color

191.5850, -44.1654, 25.7970

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1140, -16.3252, 9.5470

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5850, -44.1654, 25.7970 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(221, 194, 102)` looks like.

```
.text, #text, p{  
    color:rgb(221, 194, 102)  
}
```

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(221, 194, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 194, 102) }
```

Border

The CSS property to change the border of an element to YUV 191.5850, -44.1654, 25.7970 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(221, 194, 102) }
```


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

```
.border{ border-color:rgb(221, 194, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 194, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 194, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 194, 102); box-shadow:4px 4px 4px 4px rgb(221, 194, 102) }
```

Background

The CSS property to change the background color of an element to YUV 191.5850, -44.1654, 25.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 194, 102) }
```

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

```
.background{ background-color: rgb(221,  
194, 102) }
```

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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