

Converting Colors

YUV(196.9280, -51.2365,
7.0791)

Have a look what the booklet for
YUV(196.9280, -51.2365, 7.0791)
contains.

YUV(196.9280, -51.2365, 7.0791)	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(196.9280, -51.2365,
7.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD55D
RGB	205, 213, 93
RGB Percent	80%, 84%, 36%
CMY	0.1961, 0.1647, 0.6353
CMYK	0.04, 0.00, 0.56, 0.16
HSL	64°, 59%, 60%
HSV	64°, 56%, 84%
XYZ	50.9469, 61.3579, 19.5140
YIQ	196.9280, 33.7520, -39.0160

Conversions

Conversions Part 2

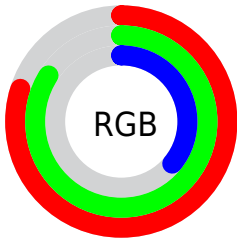
Format	Color
R_{YB}	93, 213, 101
Decimal	13489501
CIE _{Lab}	82.57, -18.71, 57.19
CIE _{LCh}	83, 60.173, 108.121
Yxy	61.3579, 0.3865, 0.4655
Android (android.graphics.Color)	4291679581 (0xFFCDD55D)
YUV	196.9280, -51.2365, 7.0791
Hunter-Lab	78.3313, -20.9830, 40.0615

Details

The YUV color **196.9280, -51.2365, 7.0791** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **109.0720, 51.2365, -7.0791**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6880, -47.1742, 10.7976**, and **141.9170, -51.2311, 5.3348** is the 20% darker color. If you saturate the color by 10%, you get **194.2350, -60.2619, 8.5639**, and if you desaturate by 10%, it is **199.6210, -42.2112, 5.5944**.

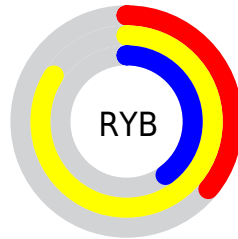
Distribution



Red (80%)

Green (84%)

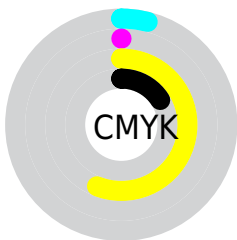
Blue (36%)



Red (36%)

Yellow (84%)

Blue (40%)

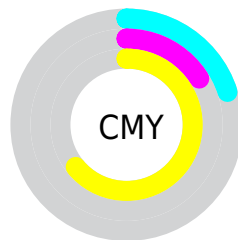


Cyan (4%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9280, -51.2365, 7.0791 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 196.9280, -51.2365, 7.0791 by changing the saturation by 10% instead.

■ 196.9280,
-51.2365, 7.0791

■ 196.9280,
-51.2365, 7.0791

255.0000, 0.0000,
0.0000

■ 168.7430,
-50.6523, 6.3644

■ 242.6880,
-47.1742, 10.7976

■ 141.9170,
-51.2311, 5.3348

■ 245.8800,
-34.9438, 7.9982

■ 113.6630,
-56.0359, 6.4345

■ 249.0720,
-22.7135, 5.1989

■ 90.9150, -44.8211,
2.7055

■ 252.3780,
-10.0464, 2.2995

■ 69.0530, -34.0431,
-0.9235

■ 47.4790, -23.4071,
-5.6821

■ 27.0900, -13.3554,

-9.7259

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 196.9280,
-51.2365, 7.0791

■ 196.9280,
-51.2365, 7.0791

■ 194.2350,
-60.2619, 8.5639

■ 199.6210,
-42.2112, 5.5944

■ 191.1290,
-69.5766, 9.5339

■ 202.7270,
-32.8964, 4.6244

■ 188.4360,
-78.6019, 11.0186

■ 205.4200,
-23.8711, 3.1397

■ 185.4440,
-87.4799, 11.8886

■ 208.4120,
-14.9931, 2.2697

■ 184.5320,
-90.9743, 12.6884

■ 211.2190, -5.5310,
0.6849

■ 214.2110, 3.3470,
-0.1850

■ 216.9040, 12.3723,
-1.6698

■ 218.6850, 17.9033,
-2.3547

■ 219.2830, 17.6085,
-1.1252

Harmonies

Analogous

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



201.1980, -53.8346, 47.1844



196.9280, -51.2365, 7.0791



189.0000, -30.5660, -42.9730

Triad

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



196.9280, -51.2365, 7.0791



164.0800, 44.8236, -143.8982



196.3850, 16.5722, 51.4054

Complementary

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



196.9280, -51.2365, 7.0791



109.0720, 51.2365, -7.0791

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.



208.6160, 22.8673, 38.9248



196.9280, -51.2365, 7.0791



157.0360, 48.2963, -137.7206

Square

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



196.9280, -51.2365, 7.0791



164.6040, 36.6772, -144.3577



197.3110, 28.4407, -22.1977



189.3000, -8.0359, 57.6189

Rectangle

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



196.9280, -51.2365, 7.0791



177.5720, -8.1700, -86.4476



197.3110, 28.4407, -22.1977



200.8990, 23.7138, 47.4466

Sweetspot

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



196.9280, -51.2365, 7.0791



249.2010, -18.3401, 2.4547



133.5760, -20.0040, 69.6548



124.4380, -11.0619, 1.3699



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.



196.9280, -51.2365, 7.0791



231.6900, -73.7972, 9.9189



178.9880, -42.3921, -29.8075



105.4470, -4.6574, 0.4850



147.9180, -72.9236, 9.7189



37.2010, -18.3401, 2.4547

Inverse Universe

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



109.0720, 51.2365, -7.0791



105.0110, 73.9446, -10.5336



127.0120, 42.3921, 29.8075



97.5530, 4.6574, -0.4850



22.7830, 73.0710, -10.3337



5.7990, 18.3401, -2.4547

Previews

White Background



This preview shows how the YUV color 196.9280, -51.2365, 7.0791 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 196.9280, -51.2365, 7.0791 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 196.9280, -51.2365, 7.0791 Background



This preview shows how black text looks on a background with the YUV color 196.9280, -51.2365, 7.0791.



This preview shows how white text looks on a background with the YUV color 196.9280, -51.2365, 7.0791.

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

196.9280, -51.2365, 7.0791

Protanopia

199.4680, -53.4747, 25.0226

Deuteranopia

201.2840, -50.9190, 45.3549



Tritanopia

207.2060, 4.3354, 9.4663

Trichromacy



Original Color

196.9280, -51.2365, 7.0791

Protanomaly

198.9510, -52.7268, 18.4600

Deuteranomaly

200.0820, -51.3124, 31.5001

Tritanomaly

203.5160, -16.0304, 8.3175

Monochromacy



Original Color

196.9280, -51.2365, 7.0791

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0870, -18.7769, 2.5547

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9280, -51.2365, 7.0791 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(205, 213, 93)` looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 93)  
}
```

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(205, 213, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 93) }
```

Border

The CSS property to change the border of an element to YUV 196.9280, -51.2365, 7.0791 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(205, 213, 93) }
```


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

```
.border{ border-color:rgb(205, 213, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 93);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 196.9280, -51.2365, 7.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 93) }
```

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

```
.background{ background-color: rgb(205,  
213, 93) }
```

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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