

Converting Colors

YUV(187.1020, -51.8153,
6.0495)

Have a look what the booklet for
YUV(187.1020, -51.8153, 6.0495)
contains.

YUV(187.1020, -51.8153, 6.0495)	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(187.1020, -51.8153,
6.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CC52
RGB	194, 204, 82
RGB Percent	76%, 80%, 32%
CMY	0.2392, 0.2000, 0.6784
CMYK	0.05, 0.00, 0.60, 0.20
HSL	65°, 54%, 56%
HSV	65°, 60%, 80%
XYZ	45.3640, 55.2643, 16.2588
YIQ	187.1020, 33.2020, -40.0620

Conversions

Conversions Part 2

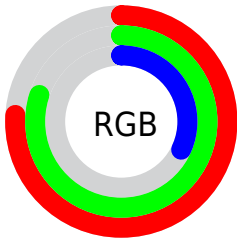
Format	Color
R_{YB}	82, 204, 92
Decimal	12766290
CIE _{Lab}	79.19, -19.57, 58.02
CIE _{LCh}	79, 61.232, 108.639
Yxy	55.2643, 0.3881, 0.4728
Android (android.graphics.Color)	4290956370 (0xFFC2CC52)
YUV	187.1020, -51.8153, 6.0495
Hunter-Lab	74.3399, -21.1700, 39.0707

Details

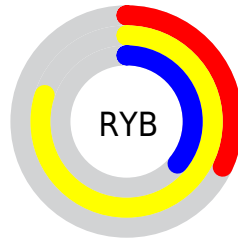
The YUV color **187.1020, -51.8153, 6.0495** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **98.8980, 51.8153, -6.0495**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8360, -51.6841, 10.6678**, and **132.0480, -53.2677, 5.2199** is the 20% darker color. If you saturate the color by 10%, you get **184.2240, -60.2564, 6.8196**, and if you desaturate by 10%, it is **189.9800, -43.3741, 5.2795**.

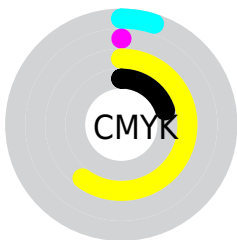
Distribution



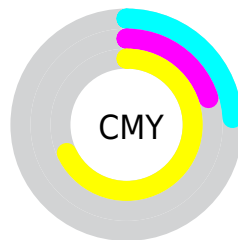
- Red (76%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1020, -51.8153, 6.0495 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 187.1020, -51.8153, 6.0495 by changing the saturation by 10% instead.

■ 187.1020,
-51.8153, 6.0495

■ 187.1020,
-51.8153, 6.0495

■ 255.0000, 0.0000,
0.0000

■ 159.5040,
-51.5205, 4.8200

■ 240.8360,
-51.6841, 10.6678

■ 132.0480,
-53.2677, 5.2199

■ 244.5120,
-40.1854, 9.1980

■ 105.6780,
-52.0993, 3.7904

■ 247.8180,
-27.5183, 6.2986

■ 82.9300, -40.8845,
0.0614

■ 251.0100,
-15.2879, 3.4992

■ 61.3670, -30.2539,
-2.9529

■ 254.3160, -2.6208,
0.5999

■ 40.3800, -19.9073,
-8.2263

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 187.1020,
-51.8153, 6.0495

■ 187.1020,
-51.8153, 6.0495

■ 184.2240,
-60.2564, 6.8196

■ 189.9800,
-43.3741, 5.2795

■ 181.5310,
-69.2818, 8.3043

■ 192.6730,
-34.3488, 3.7948

■ 178.6530,
-77.7229, 9.0743

■ 195.5510,
-25.9076, 3.0248

■ 175.6610,
-86.6009, 9.9443

■ 198.5430,
-17.0297, 2.1548

■ 201.1220, -8.4411,
0.7700

■ 204.0000, 0.0000,
0.0000

■ 206.9920, 8.8779,
-0.8700

■ 209.5710, 17.4665,
-2.2548

■ 211.3090, 21.5397,
-2.0250

Harmonies

Analogous

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



191.6820, -54.5662, 48.5139



187.1020, -51.8153, 6.0495



178.8040, -29.9764, -45.4321

Triad

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



187.1020, -51.8153, 6.0495



158.2100, 47.7175, -138.7502



188.7880, 15.3875, 58.0679

Complementary

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



187.1020, -51.8153, 6.0495



98.8980, 51.8153, -6.0495

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.



200.3540, 26.9405, 39.1545



187.1020, -51.8153, 6.0495



151.7530, 50.9008, -133.0874

Square

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



187.1020, -51.8153, 6.0495



158.4090, 35.7874, -138.9247



189.3370, 32.3719, -23.0975



181.7030, -9.2206, 64.2815

Rectangle

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



187.1020, -51.8153, 6.0495



165.3970, -6.1117, -93.3102



189.3370, 32.3719, -23.0975



193.8890, 22.2397, 53.5943

Sweetspot

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



187.1020, -51.8153, 6.0495



248.5600, -19.5031, 2.1399



123.1740, -20.2988, 70.8844



123.7970, -12.2249, 1.0550



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.



187.1020, -51.8153, 6.0495



229.5390, -78.1597, 9.1743



169.4610, -43.1183, -30.2223



100.5610, -4.2206, 0.3850



142.8900, -70.4448, 7.9895



32.7710, -16.1561, 1.9548

Inverse Universe

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



98.8980, 51.8153, -6.0495



96.4610, 78.1597, -9.1743



116.5390, 43.1183, 30.2223



93.4390, 4.2206, -0.3850



23.1100, 70.4448, -7.9895



5.2290, 16.1561, -1.9548

Previews

White Background



This preview shows how the YUV color 187.1020, -51.8153, 6.0495 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 187.1020, -51.8153, 6.0495 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 187.1020, -51.8153, 6.0495

Background



This preview shows how black text looks on a background with the YUV color 187.1020, -51.8153, 6.0495.



This preview shows how white text looks on a background with the YUV color 187.1020, -51.8153, 6.0495.

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

187.1020, -51.8153, 6.0495

Protanopia

189.3540, -53.9115, 25.1225

Deuteranopia

191.7570, -51.6452, 44.9401



Tritanopia

197.4940, 4.1935, 8.3368

Trichromacy



Original Color

187.1020, -51.8153, 6.0495

Protanomaly

188.5380, -53.0162, 17.9452

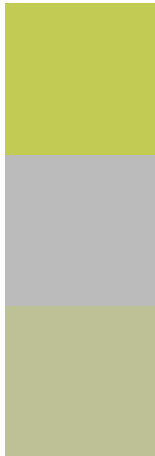
Deuteranomaly

190.2560, -51.8912, 30.4705

Tritanomaly

193.8040, -16.1724, 7.1879

Monochromacy



Original Color

187.1020, -51.8153, 6.0495

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0870, -18.7769, 2.5547

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1020, -51.8153, 6.0495 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(194, 204, 82)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 82)  
}
```

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(194, 204, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 82) }
```

Border

The CSS property to change the border of an element to YUV 187.1020, -51.8153, 6.0495 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(194, 204, 82) }
```


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

```
.border{ border-color:rgb(194, 204, 82) }
```

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

Here you see how a box with a 4 pixel rgb(194, 204, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 82);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 187.1020, -51.8153, 6.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 82) }
```

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

```
.background{ background-color: rgb(194,  
204, 82) }
```

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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