

Converting Colors

YUV(186.1320, -57.2531,
23.5632)

Have a look what the booklet for
YUV(186.1320, -57.2531, 23.5632)
contains.

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Color

**YUV(186.1320, -57.2531,
23.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C346
RGB	213, 195, 70
RGB Percent	84%, 76%, 27%
CMY	0.1647, 0.2353, 0.7255
CMYK	0.00, 0.08, 0.67, 0.16
HSL	52°, 63%, 55%
HSV	52°, 67%, 84%
XYZ	48.0612, 53.6185, 13.6107
YIQ	186.1320, 50.8530, -35.0590

Conversions

Conversions Part 2

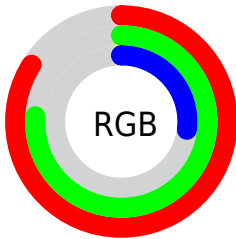
Format	Color
RYB	91, 213, 70
Decimal	14009158
CIELab	78.24, -7.86, 62.48
CIELCh	78, 62.972, 97.170
Yxy	53.6185, 0.4169, 0.4651
Android (android.graphics.Color)	4292199238 (0xFFD5C346)
YUV	186.1320, -57.2531, 23.5632
Hunter-Lab	73.2247, -10.9844, 40.2367

Details

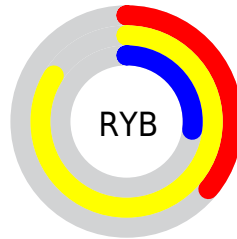
The YUV color **186.1320, -57.2531, 23.5632** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **96.8680, 57.2531, -23.5632**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7180, -56.0630, 15.1563**, and **129.6990, -63.9416, 22.1890** is the 20% darker color. If you saturate the color by 10%, you get **181.9770, -65.5577, 27.2072**, and if you desaturate by 10%, it is **190.2870, -48.9485, 19.9193**.

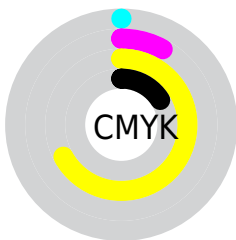
Distribution



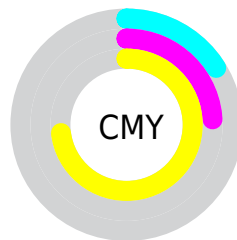
- Red (84%)
- Green (76%)
- Blue (27%)



- Red (36%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (67%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1320, -57.2531, 23.5632 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 186.1320, -57.2531, 23.5632 by changing the saturation by 10% instead.

■ 186.1320,
-57.2531, 23.5632

■ 186.1320,
-57.2531, 23.5632

■ 255.0000, 0.0000,
0.0000

■ 158.3060,
-57.8319, 22.5336

■ 237.7180,
-56.0630, 15.1563

■ 129.6990,
-63.9416, 22.1890

■ 243.2580,
-44.9902, 10.2977

■ 106.0650,
-52.2900, 18.3600

■ 246.4500,
-32.7599, 7.4983

■ 83.6050, -41.2173,
13.5014

■ 249.7560,
-20.0927, 4.5990

■ 62.0310, -30.5813,
8.7428

■ 253.0620, -7.4256,
1.6996

■ 41.3430, -20.3821,
4.0842

■ 21.8400, -10.7671,

0.1403

■ 0.0000, 0.0000,
0.0000

■ 186.1320,
-57.2531, 23.5632

■ 186.1320,
-57.2531, 23.5632

■ 181.9770,
-65.5577, 27.2072

■ 190.2870,
-48.9485, 19.9193

■ 178.2950,
-74.5884, 30.4363

■ 193.9690,
-39.9177, 16.6902

■ 174.1400,
-82.8930, 34.0802

■ 198.1240,
-31.6131, 13.0463

■ 172.8690,
-85.2244, 35.1949

■ 202.2790,
-23.3085, 9.4023

■ 205.9610,
-14.2778, 6.1732

■ 210.1160, -5.9732,
2.5293

■ 214.2710, 2.3314,
-1.1147

■ 217.8390, 10.9254,
-4.2438

■ 221.3100, 16.6092,
-7.2879

Harmonies

Analogous

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



187.9590, -51.2518, 58.7950



186.1320, -57.2531, 23.5632



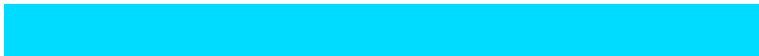
179.2490, -41.5348, -24.7744

Triad

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



186.1320, -57.2531, 23.5632



158.2100, 47.7175, -138.7502



191.6550, 23.8341, 55.5536

Complementary

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



186.1320, -57.2531, 23.5632



96.8680, 57.2531, -23.5632

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.



194.6180, 29.7683, 18.7520



186.1320, -57.2531, 23.5632



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.



186.1320, -57.2531, 23.5632



154.3850, 25.4462, -135.3956



176.1260, 38.8849, -58.8695



179.7600, 1.1043, 65.9855

Rectangle

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



186.1320, -57.2531, 23.5632



170.8600, -21.6230, -64.7752



176.1260, 38.8849, -58.8695



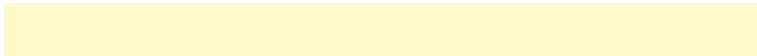
197.4740, 28.3603, 50.4503

Sweetspot

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



186.1320, -57.2531, 23.5632



245.6640, -20.5404, 8.1877



114.9230, -12.7800, 86.0135



122.1180, -12.3832, 5.1585



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.



186.1320, -57.2531, 23.5632



216.1400, -82.8930, 34.0802



181.1500, -54.7969, -17.6715



105.1590, -4.5154, 1.6146



138.5920, -68.3259, 28.4218



35.1630, -17.3354, 6.8730

Inverse Universe

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



96.8680, 57.2531, -23.5632



86.8600, 82.8930, -34.0802



101.8500, 54.7970, 17.6716



98.4280, 4.2260, -2.1294



32.4080, 68.3259, -28.4218



7.8370, 17.3354, -6.8730

Previews

White Background



This preview shows how the YUV color 186.1320, -57.2531, 23.5632 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 186.1320, -57.2531, 23.5632 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 186.1320, -57.2531, 23.5632

Background



This preview shows how black text looks on a background with the YUV color 186.1320, -57.2531, 23.5632.



This preview shows how white text looks on a background with the YUV color 186.1320, -57.2531, 23.5632.

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

186.1320, -57.2531, 23.5632

Protanopia

186.4420, -57.4059, 25.9224

Deuteranopia

188.5030, -56.4500, 46.0399



Tritanopia

196.8550, 0.0715, 23.8062

Trichromacy



Original Color

186.1320, -57.2531, 23.5632

Protanomaly

186.1430, -57.2585, 25.3076

Deuteranomaly

187.7470, -56.5703, 37.9329

Tritanomaly

192.7630, -20.5892, 23.8868

Monochromacy



Original Color

186.1320, -57.2531, 23.5632

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9630, -20.6878, 8.8024

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1320, -57.2531, 23.5632 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(213, 195, 70)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 70)  
}
```

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(213, 195, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 70) }
```

Border

The CSS property to change the border of an element to YUV 186.1320, -57.2531, 23.5632 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(213, 195, 70) }
```


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

```
.border{ border-color:rgb(213, 195, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 70);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 186.1320, -57.2531, 23.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 70) }
```

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

```
.background{ background-color: rgb(213,  
195, 70) }
```

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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