

Converting Colors

YUV(187.2590, -6.0437,
25.2059)

Have a look what the booklet for
YUV(187.2590, -6.0437, 25.2059)
contains.

YUV(187.2590, -6.0437, 25.2059)	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(187.2590, -6.0437,
25.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AFAF
RGB	216, 175, 175
RGB Percent	85%, 69%, 69%
CMY	0.1529, 0.3137, 0.3137
CMYK	0.00, 0.19, 0.19, 0.15
HSL	0°, 34%, 77%
HSV	0°, 19%, 85%
XYZ	51.3867, 48.3540, 47.1823
YIQ	187.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

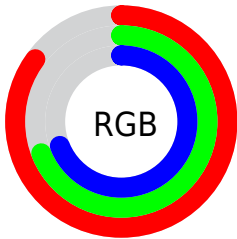
Format	Color
R _Y B	216, 175, 175
Decimal	14200751
CIE Lab	75.05, 14.88, 5.63
CIE LCh	75, 15.909, 20.738
Yxy	48.3540, 0.3498, 0.3291
Android (android.graphics.Color)	4292390831 (0xFFD8AFAF)
YUV	187.2590, -6.0437, 25.2059
Hunter-Lab	69.5371, 10.2187, 8.4465

Details

The YUV color $187.2590, -6.0437, 25.2059$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $203.7410, 6.0437, -25.2059$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.0620, -3.9746, 14.8546$, and $133.7750, -5.3121, 23.8763$ is the 20% darker color. If you saturate the color by 10%, you get $171.8370, -9.2866, 38.7310$, and if you desaturate by 10%, it is $202.6810, -2.8007, 11.6808$.

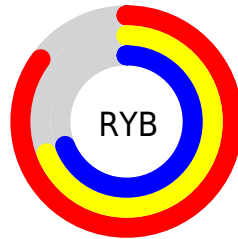
Distribution



Red (85%)

Green (69%)

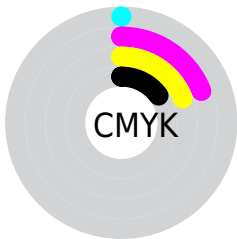
Blue (69%)



Red (85%)

Yellow (69%)

Blue (69%)

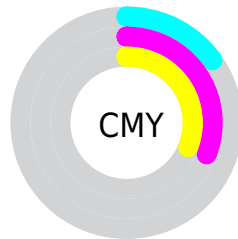


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2590, -6.0437, 25.2059 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 187.2590, -6.0437, 25.2059 by changing the saturation by 10% instead.

■ 187.2590, -6.0437,
25.2059

■ 187.2590, -6.0437,
25.2059

255.0000, 0.0000,
0.0000

■ 159.9600, -5.8963,
24.5911

■ 238.0620, -3.9746,
14.8546

■ 133.7750, -5.3121,
23.8763

■ 108.1770, -5.0173,
22.6468

■ 83.5790, -4.7224,
21.4172

■ 60.5680, -4.7170,
19.6729

■ 38.0840, -3.9854,
18.3433

■ 15.4540, -5.1538,

19.7728

■ 0.0000, 0.0000,
0.0000

■ 187.2590, -6.0437,
25.2059

■ 187.2590, -6.0437,
25.2059

■ 171.8370, -9.2866,
38.7310

■ 202.6810, -2.8007,
11.6808

■ 157.1160,
-12.3822, 51.6413

■ 217.4020, 0.2948,
-1.2296

■ 141.6940,
-15.6251, 65.1664

■ 232.8240, 3.5378,
-14.7546

■ 126.9730,
-18.7207, 78.0767

■ 243.3390, 5.7489,
-23.9763

■ 111.5510,
-21.9636, 91.6018

■ 96.1290, -25.2066,
105.1269

■ 81.4080, -28.3021,
118.0372

■ 65.9860, -31.5451,
131.5623

■ 64.5840, -31.8399,
132.7918

Harmonies

Analogous

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



187.7730, 1.0979, 21.2471



187.2590, -6.0437, 25.2059



186.4560, -11.5638, 22.4021

Triad

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



187.2590, -6.0437, 25.2059



181.5720, -7.6770, -11.0256



182.7880, 14.8945, -17.3541

Complementary

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



187.2590, -6.0437, 25.2059



203.7410, 6.0437, -25.2059

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.



180.5650, 13.0325, -26.8055



187.2590, -6.0437, 25.2059



179.8570, 0.0705, -22.6766

Square

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



187.2590, -6.0437, 25.2059



183.2810, -12.9565, 2.3846



179.4740, 7.6543, -28.4797



186.0070, 12.8145, -3.5141

Rectangle

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



187.2590, -6.0437, 25.2059



185.5540, -13.5841, 17.0541



179.4740, 7.6543, -28.4797



182.3530, 14.6160, -21.3576

Sweetspot

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



187.2590, -6.0437, 25.2059



244.4850, -2.2111, 9.2217



191.9330, 11.8650, 21.1068



121.6910, -1.3267, 5.5330



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.



187.2590, -6.0437, 25.2059



213.6410, -8.6970, 36.2718



198.9990, -11.8315, 14.9099



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



203.7410, 6.0437, -25.2059



237.3590, 8.6970, -36.2718



191.4140, 12.1209, -14.3951



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 187.2590, -6.0437, 25.2059 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 187.2590, -6.0437, 25.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

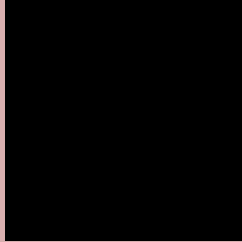
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.2590, -6.0437, 25.2059

Background



This preview shows how black text looks on a background with the YUV color 187.2590, -6.0437, 25.2059.



This preview shows how white text looks on a background with the YUV color 187.2590, -6.0437,

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

187.2590, -6.0437, 25.2059

Protanopia

185.0390, -2.4842, 3.4738

Deuteranopia

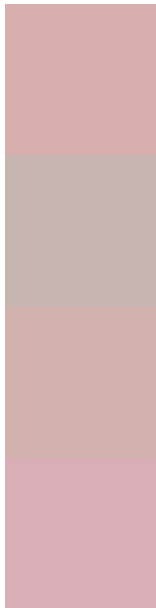
186.8020, -6.3114, 17.7136



Tritanopia

187.7520, -0.3707, 25.6505

Trichromacy



Original Color

187.2590, -6.0437, 25.2059

Protanomaly

186.0400, -3.9637, 11.3659

Deuteranomaly

187.1120, -6.4642, 20.0728

Tritanomaly

187.8830, -2.4073, 25.5356

Monochromacy



Original Color

187.2590, -6.0437, 25.2059

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.4850, -2.2111, 9.2217

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2590, -6.0437, 25.2059 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(216, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 175)  
}
```

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(216, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 175) }
```

Border

The CSS property to change the border of an element to YUV 187.2590, -6.0437, 25.2059 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(216, 175, 175) }
```


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

```
.border{ border-color:rgb(216, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 175,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 187.2590, -6.0437, 25.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 175) }
```

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

```
.background{ background-color: rgb(216,  
175, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor