

Converting Colors

YUV(187.6720, -29.4183,
9.0577)

Have a look what the booklet for
YUV(187.6720, -29.4183, 9.0577)
contains.

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Color

**YUV(187.6720, -29.4183,
9.0577)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C280
RGB	198, 194, 128
RGB Percent	78%, 76%, 50%
CMY	0.2235, 0.2392, 0.4980
CMYK	0.00, 0.02, 0.35, 0.22
HSL	57°, 38%, 64%
HSV	57°, 35%, 78%
XYZ	46.4768, 52.1479, 28.0380
YIQ	187.6720, 23.5700, -19.6780

Conversions

Conversions Part 2

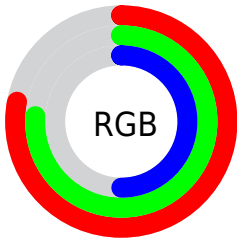
Format	Color
RYB	132, 198, 128
Decimal	13025920
CIELab	77.37, -8.54, 33.74
CIELCh	77, 34.804, 104.201
Yxy	52.1479, 0.3669, 0.4117
Android (android.graphics.Color)	4291216000 (0xFFC6C280)
YUV	187.6720, -29.4183, 9.0577
Hunter-Lab	72.2135, -11.4905, 27.5291

Details

The YUV color $187.6720, -29.4183, 9.0577$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $138.3280, 29.4183, -9.0577$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7430, -30.4393, 9.8724$, and $134.4160, -27.8131, 7.5282$ is the 20% darker color. If you saturate the color by 10%, you get $184.8050, -37.8649, 11.5720$, and if you desaturate by 10%, it is $190.5390, -20.9717, 6.5433$.

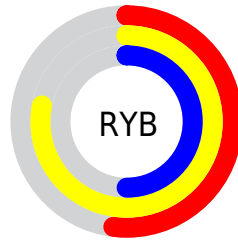
Distribution



Red (78%)

Green (76%)

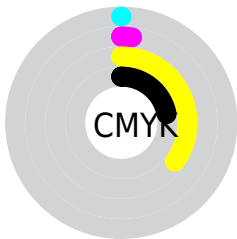
Blue (50%)



Red (52%)

Yellow (78%)

Blue (50%)

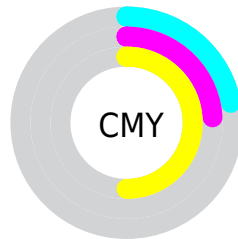


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6720, -29.4183, 9.0577 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 187.6720, -29.4183, 9.0577 by changing the saturation by 10% instead.

■ 187.6720,
-29.4183, 9.0577

■ 187.6720,
-29.4183, 9.0577

255.0000, 0.0000,
0.0000

■ 160.4870,
-28.8341, 8.3429

■ 243.7430,
-30.4393, 9.8724

■ 134.4160,
-27.8131, 7.5282

■ 249.7560,
-20.0927, 4.5990

■ 108.6440,
-26.9395, 7.3282

■ 253.0620, -7.4256,
1.6996

■ 84.0460, -26.6447,
6.0987

■ 59.7470, -26.4973,
5.4839

■ 39.2720, -19.3611,
3.2695

■ 20.0570, -9.8881,

-1.8040

■ 0.0000, 0.0000,
0.0000

■ 187.6720,
-29.4183, 9.0577

■ 187.6720,
-29.4183, 9.0577

■ 184.8050,
-37.8649, 11.5720

■ 190.5390,
-20.9717, 6.5433

■ 181.9380,
-46.3114, 14.0864

■ 193.4060,
-12.5252, 4.0289

■ 179.1850,
-54.3212, 16.5008

■ 196.1590, -4.5154,
1.6146

■ 175.7310,
-62.4784, 19.5299

■ 199.6130, 3.6418,
-1.4146

■ 172.8640,
-70.9250, 22.0443

■ 202.4800, 12.0884,
-3.9290

■ 169.9970,
-79.3715, 24.5586

■ 205.3470, 20.5349,
-6.4433

■ 168.9710,
-83.3027, 25.4584

■ 206.8460, 23.7399,
-7.7579

■ 207.4330, 23.4505,
-8.2727

■ 208.0200, 23.1611,
-8.7875

Harmonies

Analogous

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



190.5980, -30.3678, 33.6786



187.6720, -29.4183, 9.0577



183.4280, -19.4380, -18.7924

Triad

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



187.6720, -29.4183, 9.0577



173.4260, 30.3560, -76.6726



196.0990, 6.8532, 42.0092

Complementary

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



187.6720, -29.4183, 9.0577



138.3280, 29.4183, -9.0577

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.



195.3160, 21.0432, 17.2629



187.6720, -29.4183, 9.0577



182.0190, 34.5006, -52.6367

Square

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



187.6720, -29.4183, 9.0577



173.0770, 16.2310, -72.8585



190.9140, 30.6084, -17.4646



194.4520, -8.6038, 53.1006

Rectangle

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



187.6720, -29.4183, 9.0577



180.0540, -8.9006, -38.6354



190.9140, 30.6084, -17.4646



196.0210, 11.8216, 35.0616

Sweetspot

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



187.6720, -29.4183, 9.0577



250.6340, -11.6516, 3.8290



149.5000, -8.1345, 42.5345



125.4750, -7.1362, 2.2144



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.



187.6720, -29.4183, 9.0577



239.2800, -45.0010, 13.7864



181.0500, -26.1537, -11.4449



97.9740, -3.9312, 0.8998



139.1350, -68.5936, 20.9296



30.7220, -15.1459, 4.6288

Inverse Universe

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



138.3280, 29.4183, -9.0577



163.7200, 45.0010, -13.7864



144.9500, 26.1537, 11.4449



91.0260, 3.9312, -0.8998



23.8650, 68.5936, -20.9296



5.2780, 15.1459, -4.6288

Previews

White Background



This preview shows how the YUV color 187.6720, -29.4183, 9.0577 looks on a white background.

Color Contrast Check

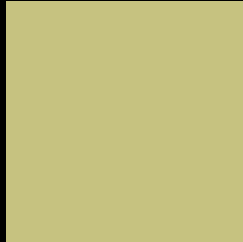
Large Text (above 18pt) WCAG AA × Fail

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 187.6720, -29.4183, 9.0577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

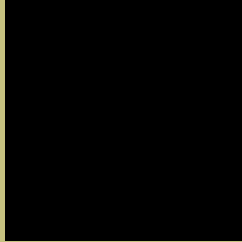
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.6720, -29.4183, 9.0577

Background



This preview shows how black text looks on a background with the YUV color 187.6720, -29.4183, 9.0577.



This preview shows how white text looks on a background with the YUV color 187.6720, -29.4183, 9.0577.

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

187.6720, -29.4183, 9.0577

Protanopia

188.4880, -30.3136, 16.2350

Deuteranopia

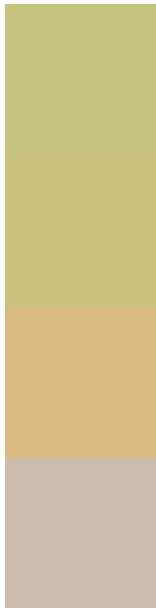
190.4130, -29.7836, 32.9638



Tritanopia

192.9890, 3.4564, 11.4106

Trichromacy



Original Color

187.6720, -29.4183, 9.0577

Protanomaly

188.1780, -30.1608, 13.8759

Deuteranomaly

189.3580, -29.7565, 24.2420

Tritanomaly

190.8890, -8.3263, 10.6213

Monochromacy



Original Color

187.6720, -29.4183, 9.0577

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8620, -10.7780, 3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6720, -29.4183, 9.0577 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(198, 194, 128)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 128)  
}
```

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(198, 194, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 128) }
```

Border

The CSS property to change the border of an element to YUV 187.6720, -29.4183, 9.0577 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(198, 194, 128) }
```


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

```
.border{ border-color:rgb(198, 194, 128) }
```

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

Here you see how a box with a 4 pixel rgb(198, 194, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 128);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 187.6720, -29.4183, 9.0577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 128) }
```

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

```
.background{ background-color: rgb(198,  
194, 128) }
```

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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