

Converting Colors

YUV(189.1270, -22.7406,
13.9206)

Have a look what the booklet for
YUV(189.1270, -22.7406, 13.9206)
contains.

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Color

**YUV(189.1270, -22.7406,
13.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBE8F
RGB	205, 190, 143
RGB Percent	80%, 75%, 56%
CMY	0.1961, 0.2549, 0.4392
CMYK	0.00, 0.07, 0.30, 0.20
HSL	45°, 38%, 68%
HSV	45°, 30%, 80%
XYZ	48.5482, 51.7892, 33.4242
YIQ	189.1270, 24.0270, -11.4370

Conversions

Conversions Part 2

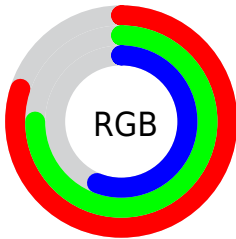
Format	Color
R_{YB}	163, 205, 143
Decimal	13483663
CIE _{Lab}	77.15, -1.85, 25.70
CIE _{LCh}	77, 25.762, 94.110
Yxy	51.7892, 0.3629, 0.3872
Android (android.graphics.Color)	4291673743 (0xFFCDBE8F)
YUV	189.1270, -22.7406, 13.9206
Hunter-Lab	71.9647, -5.5201, 22.8380

Details

The YUV color $189.1270, -22.7406, 13.9206$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $158.8730, 22.7406, -13.9206$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1050, -22.7298, 10.4319$, and $135.7570, -21.5722, 12.4911$ is the 20% darker color. If you saturate the color by 10%, you get $183.7980, -30.4664, 18.5942$, and if you desaturate by 10%, it is $194.3420, -15.4516, 9.3471$.

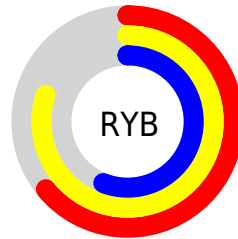
Distribution



Red (80%)

Green (75%)

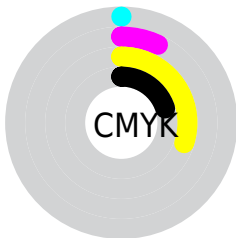
Blue (56%)



Red (64%)

Yellow (80%)

Blue (56%)

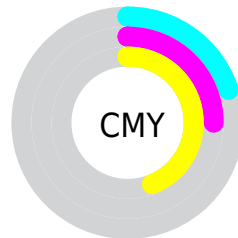


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1270, -22.7406, 13.9206 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 189.1270, -22.7406, 13.9206 by changing the saturation by 10% instead.

■ 189.1270,
-22.7406, 13.9206

■ 189.1270,
-22.7406, 13.9206

255.0000, 0.0000,
0.0000

■ 161.9420,
-22.1564, 13.2059

■ 243.1050,
-22.7298, 10.4319

■ 135.7570,
-21.5722, 12.4911

■ 251.5800,
-13.1039, 2.9993

■ 109.9850,
-20.6986, 12.2912

254.8860, -0.4368,
0.1000

■ 85.5010, -19.9670,
10.9616

■ 62.0170, -19.2354,
9.6321

■ 39.6040, -19.5248,
9.1173

■ 20.9870, -10.3466,

5.2734

■ 0.0000, 0.0000,
0.0000

■ 189.1270,
-22.7406, 13.9206

■ 189.1270,
-22.7406, 13.9206

■ 183.7980,
-30.4664, 18.5942

■ 194.3420,
-15.4516, 9.3471

■ 178.5830,
-37.7554, 23.1677

■ 199.6710, -7.7258,
4.6735

■ 173.2540,
-45.4812, 27.8412

■ 205.0000, 0.0000,
0.0000

■ 168.0390,
-52.7702, 32.4148

■ 210.2150, 7.2890,
-4.5736

■ 162.7100,
-60.4960, 37.0883

■ 215.5440, 15.0148,
-9.2471

■ 157.4950,
-67.7850, 41.6619

■ 219.5050, 17.4990,
-12.7209

■ 152.2800,
-75.0740, 46.2354

■ 222.4400, 16.0521,
-15.2949

■ 225.3750, 14.6051,
-17.8689

■ 228.3100, 13.1582,
-20.4429

Harmonies

Analogous

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



191.2800, -21.3370, 30.4494



189.1270, -22.7406, 13.9206



186.3740, -17.4394, -6.4670

Triad

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



189.1270, -22.7406, 13.9206



180.2630, 17.6183, -51.0967



194.4560, 8.6492, 25.9101

Complementary

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



189.1270, -22.7406, 13.9206



158.8730, 22.7406, -13.9206

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.



193.1420, 18.1710, 5.1375



189.1270, -22.7406, 13.9206



184.0390, 24.1378, -42.1302

Square

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



189.1270, -22.7406, 13.9206



180.3210, 6.2507, -45.0085



189.4700, 23.9253, -20.5832



194.1450, -3.0295, 38.4608

Rectangle

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



189.1270, -22.7406, 13.9206



184.2950, -10.9914, -21.3067



189.4700, 23.9253, -20.5832



194.3350, 12.1598, 19.8772

Sweetspot

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



189.1270, -22.7406, 13.9206



248.8560, -8.3100, 5.3883



163.3620, -2.1505, 36.5165



123.9420, -5.3944, 3.5589



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.



189.1270, -22.7406, 13.9206



231.5980, -33.8188, 20.5236



193.4470, -24.8704, -3.0230



99.6860, -3.7892, 2.0294



123.5960, -60.9328, 37.1883



28.3850, -13.9938, 8.4324

Inverse Universe

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



158.8730, 22.7406, -13.9206



186.4020, 33.8188, -20.5236



154.8520, 24.7230, 3.6378



94.3140, 3.7892, -2.0294



42.4040, 60.9328, -37.1883



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 189.1270, -22.7406, 13.9206 looks on a white background.

Color Contrast Check

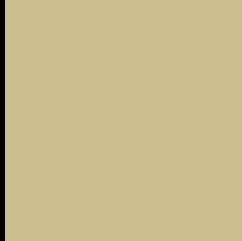
Large Text (above 18pt) WCAG AA × Fail

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 189.1270, -22.7406, 13.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

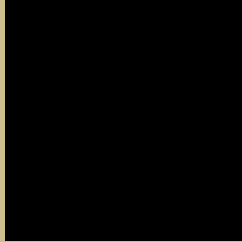
Any Text WCAG AA ✓ Pass

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 189.1270, -22.7406, 13.9206 Background



This preview shows how black text looks on a background with the YUV color 189.1270, -22.7406, 13.9206.



This preview shows how white text looks on a background with the YUV color 189.1270, -22.7406, 13.9206.

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

189.1270, -22.7406, 13.9206

Protanopia

188.8280, -22.5932, 13.3058

Deuteranopia

190.8130, -23.0788, 29.1050



Tritanopia

192.9680, 1.9878, 15.8141

Trichromacy



Original Color

189.1270, -22.7406, 13.9206

Protanomaly

188.8280, -22.5932, 13.3058

Deuteranomaly

190.4810, -22.9151, 23.2572

Tritanomaly

191.8510, -7.3215, 15.0397

Monochromacy



Original Color

189.1270, -22.7406, 13.9206

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8560, -8.3100, 5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1270, -22.7406, 13.9206 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, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 143)  
}
```

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, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 143) }
```

Border

The CSS property to change the border of an element to YUV 189.1270, -22.7406, 13.9206 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, 190, 143) }
```


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

```
.border{ border-color:rgb(205, 190, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 190, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 190, 143); box-shadow:4px 4px 4px 4px rgb(205, 190, 143) }
```

Background

The CSS property to change the background color of an element to YUV 189.1270, -22.7406, 13.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 143) }
```

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

```
.background{ background-color: rgb(205,  
190, 143) }
```

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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