

Converting Colors

YUV(192.4640, -27.3438,
-3.0379)

Have a look what the booklet for
YUV(192.4640, -27.3438, -3.0379)
contains.

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Color

**YUV(192.4640, -27.3438,
-3.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCD89
RGB	189, 205, 137
RGB Percent	74%, 80%, 54%
CMY	0.2588, 0.1961, 0.4627
CMYK	0.08, 0.00, 0.33, 0.20
HSL	74°, 40%, 67%
HSV	74°, 33%, 80%
XYZ	47.3329, 56.2876, 32.0368
YIQ	192.4640, 12.2920, -24.5400

Conversions

Conversions Part 2

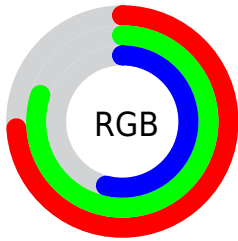
Format	Color
RYB	137, 205, 153
Decimal	12438921
CIELab	79.78, -16.51, 32.11
CIELCh	80, 36.108, 117.216
Yxy	56.2876, 0.3489, 0.4149
Android (android.graphics.Color)	4290629001 (0xFFBDCD89)
YUV	192.4640, -27.3438, -3.0379
Hunter-Lab	75.0251, -18.6791, 27.1999

Details

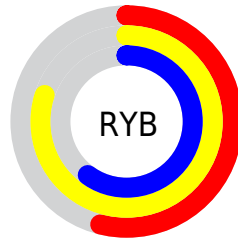
The YUV color **192.4640, -27.3438, -3.0379** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149.5360, 27.3438, 3.0379**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0130, -26.6284, 0.8656**, and **138.8060, -26.0334, -3.3379** is the 20% darker color. If you saturate the color by 10%, you get **188.5750, -35.7795, -4.0123**, and if you desaturate by 10%, it is **196.2390, -19.3448, -1.9636**.

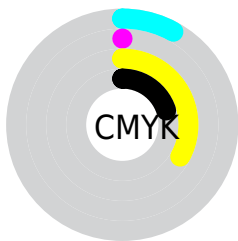
Distribution



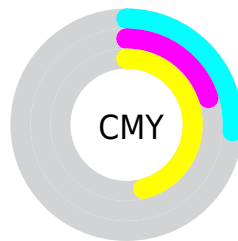
- Red (74%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.4640, -27.3438, -3.0379 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 192.4640, -27.3438, -3.0379 by changing the saturation by 10% instead.

■ 192.4640,
-27.3438, -3.0379

■ 192.4640,
-27.3438, -3.0379

■ 255.0000, 0.0000,
0.0000

■ 165.5780,
-26.9070, -3.1379

■ 245.0130,
-26.6284, 0.8656

■ 138.8060,
-26.0334, -3.3379

■ 250.8960,
-15.7247, 3.5992

■ 113.0340,
-25.1598, -3.5378

■ 254.2020, -3.0576,
0.6998

■ 88.2620, -24.2862,
-3.7378

■ 63.9630, -24.1388,
-4.3526

■ 42.1740, -20.7918,
-4.5376

■ 22.0730, -10.8820,

-9.7110

■ 0.0000, 0.0000,
0.0000

■ 192.4640,
-27.3438, -3.0379

■ 192.4640,
-27.3438, -3.0379

■ 188.5750,
-35.7795, -4.0123

■ 196.2390,
-19.3448, -1.9636

■ 184.8000,
-43.7784, -5.0866

■ 200.1280,
-10.9091, -0.9893

■ 181.2100,
-52.3615, -5.4462

■ 203.7180, -2.3260,
-0.6297

■ 177.4350,
-60.3605, -6.5205

■ 207.4930, 5.6730,
0.4446

■ 173.5460,
-68.7962, -7.4948

■ 211.3820, 14.1087,
1.4190

■ 169.7710,
-76.7951, -8.5692

■ 214.5870, 19.9236,
2.9932

■ 167.2780,
-82.4681, -9.0138

■ 216.0820, 19.1866,
6.0671

■ 217.5770, 18.4495,
9.1410

■ 218.7730, 17.8599,
11.6001

Harmonies

Analogous

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



196.2610, -32.6667, 24.3271



192.4640, -27.3438, -3.0379



187.5340, -13.5743, -32.9173

Triad

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



192.4640, -27.3438, -3.0379



182.5990, 34.7077, -72.4393



200.8240, 0.5798, 47.5124

Complementary

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



192.4640, -27.3438, -3.0379



149.5360, 27.3438, 3.0379

Split Complementary

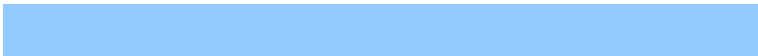
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.0250, 15.7637, 30.6731



192.4640, -27.3438, -3.0379



191.5970, 31.2577, -39.1116

Square

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



192.4640, -27.3438, -3.0379



177.7860, 24.2625, -82.2503



199.8020, 27.2126, -1.5804



197.6490, -14.1240, 50.2968

Rectangle

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



192.4640, -27.3438, -3.0379



183.7300, -0.8529, -53.2602



199.8020, 27.2126, -1.5804



202.7790, 5.5320, 45.7978

Sweetspot

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



192.4640, -27.3438, -3.0379



250.3560, -10.0355, -1.1892



166.7240, -14.6539, 33.5681



124.9800, -6.3991, -0.8595



0.0000, 0.0000, 0.0000



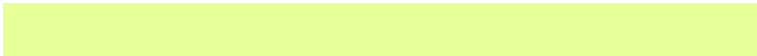
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192.4640, -27.3438, -3.0379



236.1960, -41.0156, -4.5569



182.2980, -22.3319, -23.9403



100.2620, -4.0732, -0.2298



135.4150, -66.7596, -7.3800



30.9770, -15.2717, -1.7338

Inverse Universe

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



149.5360, 27.3438, 3.0379



171.8040, 41.0156, 4.5569



159.7020, 22.3319, 23.9403



93.7380, 4.0732, 0.2298



30.5850, 66.7596, 7.3800



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 192.4640, -27.3438, -3.0379 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 192.4640, -27.3438, -3.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

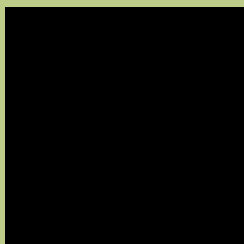
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

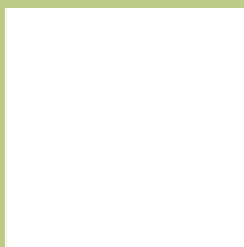
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.4640, -27.3438, -3.0379

Background



This preview shows how black text looks on a background with the YUV color 192.4640, -27.3438, -3.0379.



This preview shows how white text looks on a background with the YUV color 192.4640, -27.3438, -3.0379.

-3.0379.

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

192.4640, -27.3438, -3.0379

Protanopia

194.9010, -30.0242, 16.7498

Deuteranopia

197.1680, -28.1838, 33.1787



Tritanopia

198.6070, 6.1097, 0.3447

Trichromacy



Original Color

192.4640, -27.3438, -3.0379

Protanomaly

194.0850, -29.1289, 9.5725

Deuteranomaly

195.4930, -27.8510, 19.7386

Tritanomaly

196.0940, -5.9623, -0.9594

Monochromacy



Original Color

192.4640, -27.3438, -3.0379

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.3560, -10.0355, -1.1892

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.4640, -27.3438, -3.0379 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(189, 205, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 205, 137)  
}
```

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(189, 205, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 205, 137) }
```

Border

The CSS property to change the border of an element to YUV 192.4640, -27.3438, -3.0379 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(189, 205, 137) }
```


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

```
.border{ border-color:rgb(189, 205, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 205, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 205, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 205, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 205,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 192.4640, -27.3438, -3.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 205, 137) }
```

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

```
.background{ background-color: rgb(189,  
205, 137) }
```

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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