

Converting Colors

YUV(194.2940, -22.8229,
-6.3968)

Have a look what the booklet for
YUV(194.2940, -22.8229, -6.3968)
contains.

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Color

**YUV(194.2940, -22.8229,
-6.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCF94
RGB	187, 207, 148
RGB Percent	73%, 81%, 58%
CMY	0.2667, 0.1882, 0.4196
CMYK	0.10, 0.00, 0.29, 0.19
HSL	80°, 38%, 70%
HSV	80°, 29%, 81%
XYZ	48.1516, 57.3286, 36.5446
YIQ	194.2940, 7.0190, -22.5890

Conversions

Conversions Part 2

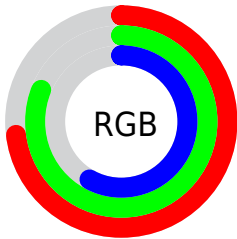
Format	Color
RYB	148, 207, 168
Decimal	12308372
CIELab	80.36, -16.77, 27.15
CIELCh	80, 31.916, 121.700
Yxy	57.3286, 0.3390, 0.4037
Android (android.graphics.Color)	4290498452 (0xFFBBCF94)
YUV	194.2940, -22.8229, -6.3968
Hunter-Lab	75.7156, -18.9846, 24.3842

Details

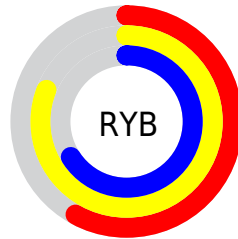
The YUV color $194.2940, -22.8229, -6.3968$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $160.7060, 22.8229, 6.3968$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6690, -21.5288, -1.4637$, and $140.6360, -21.5125, -6.6968$ is the 20% darker color. If you saturate the color by 10%, you get $189.8070, -30.9639, -8.6007$, and if you desaturate by 10%, it is $198.7810, -14.6820, -4.1929$.

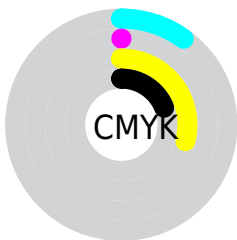
Distribution



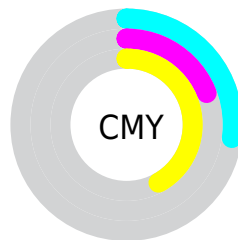
- Red (73%)
- Green (81%)
- Blue (58%)



- Red (58%)
- Yellow (81%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.2940, -22.8229, -6.3968 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 194.2940, -22.8229, -6.3968 by changing the saturation by 10% instead.

■ 194.2940,
-22.8229, -6.3968

■ 194.2940,
-22.8229, -6.3968

255.0000, 0.0000,
0.0000

■ 166.8210,
-22.0968, -5.9820

■ 245.6690,
-21.5288, -1.4637

■ 140.6360,
-21.5125, -6.6968

■ 252.2640,
-10.4832, 2.3995

■ 114.7500,
-21.0757, -6.7967

■ 90.2770, -20.3496,
-6.3819

■ 66.5050, -19.4760,
-6.5819

■ 43.2770, -20.3496,
-6.3819

■ 23.2580, -11.4662,

-8.9963

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 194.2940,
-22.8229, -6.3968

■ 194.2940,
-22.8229, -6.3968

■ 189.8070,
-30.9639, -8.6007

■ 198.7810,
-14.6820, -4.1929

■ 185.4340,
-38.6680, -10.9046

■ 203.1540, -6.9779,
-1.8891

■ 180.9470,
-46.8089, -13.1085

■ 207.6410, 1.1630,
0.3148

■ 176.4600,
-54.9498, -15.3124

■ 212.1280, 9.3039,
2.5187

■ 172.0870,
-62.6539, -17.6163

■ 216.6150, 17.4448,
4.7226

■ 167.6000,
-70.7948, -19.8202

■ 219.0500, 17.7234,
8.7262

■ 163.1130,
-78.9357, -22.0241

■ 221.1430, 16.6915,
13.0296

■ 162.4720,
-80.0987, -22.3389

■ 223.2360, 15.6597,
17.3330

■ 225.3290, 14.6278,
21.6365

Harmonies

Analogous

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



197.6670, -28.4298, 18.7090



194.2940, -22.8229, -6.3968



189.8590, -9.7905, -33.2023

Triad

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



194.2940, -22.8229, -6.3968



188.9600, 30.5857, -56.9699



202.8300, -1.8882, 45.7531

Complementary

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



194.2940, -22.8229, -6.3968



160.7060, 22.8229, 6.3968

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.



204.2870, 11.6905, 30.4433



194.2940, -22.8229, -6.3968



196.6800, 28.7518, -28.6604

Square

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



194.2940, -22.8229, -6.3968



184.1190, 22.6193, -68.5104



202.2110, 23.5600, 3.3230



201.1710, -15.8603, 47.2080

Rectangle

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



194.2940, -22.8229, -6.3968



187.0340, 1.4622, -49.1418



202.2110, 23.5600, 3.3230



203.9590, 2.4852, 43.0090

Sweetspot

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



194.2940, -22.8229, -6.3968



249.9860, -8.8671, -2.6187



177.3810, -14.4848, 25.9759



124.7950, -5.8149, -1.5742



0.0000, 0.0000, 0.0000



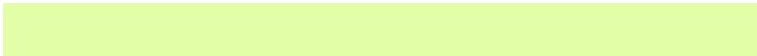
128.0000, 0.0000, 0.0000

Same Dimension

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



194.2940, -22.8229, -6.3968



236.4110, -33.7266, -9.1304



185.6230, -18.5481, -24.2254



102.5500, -4.2152, -1.3594



131.8050, -64.9799, -18.2460



32.1400, -15.8450, -4.5078

Inverse Universe

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



160.7060, 22.8229, 6.3968



186.8880, 33.5792, 9.7452



169.3770, 18.5481, 24.2254



96.4500, 4.2152, 1.3594



36.1950, 64.9799, 18.2460



8.8600, 15.8450, 4.5078

Previews

White Background



This preview shows how the YUV color 194.2940, -22.8229, -6.3968 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 194.2940, -22.8229, -6.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

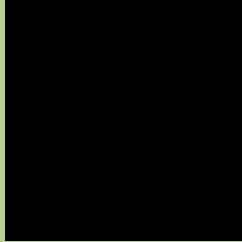
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.2940, -22.8229, -6.3968

Background



This preview shows how black text looks on a background with the YUV color 194.2940, -22.8229, -6.3968.



This preview shows how white text looks on a background with the YUV color 194.2940, -22.8229, -6.3968.

-6.3968.

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

194.2940, -22.8229, -6.3968

Protanopia

197.2150, -26.2350, 14.7204

Deuteranopia

199.2970, -23.8104, 30.4345



Tritanopia

199.2260, 7.2836, -2.8292

Trichromacy



Original Color

194.2940, -22.8229, -6.3968

Protanomaly

196.1000, -25.1923, 6.9283

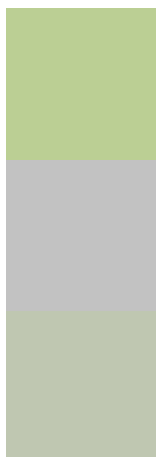
Deuteranomaly

197.6220, -23.4776, 16.9945

Tritanomaly

197.3540, -3.6255, -3.8185

Monochromacy



Original Color

194.2940, -22.8229, -6.3968

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1000, -8.4303, -2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2940, -22.8229, -6.3968 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(187, 207, 148)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 148)  
}
```

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(187, 207, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 148) }
```

Border

The CSS property to change the border of an element to YUV 194.2940, -22.8229, -6.3968 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(187, 207, 148) }
```


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

```
.border{ border-color:rgb(187, 207, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 148);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 194.2940, -22.8229, -6.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 148) }
```

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

```
.background{ background-color: rgb(187,  
207, 148) }
```

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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