

Converting Colors

YUV(194.8940, -49.7407,
-6.0460)

Have a look what the booklet for
YUV(194.8940, -49.7407, -6.0460)
contains.

YUV(194.8940, -49.7407, -6.0460)	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(194.8940, -49.7407,
-6.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDA5E
RGB	188, 218, 94
RGB Percent	74%, 85%, 37%
CMY	0.2627, 0.1451, 0.6314
CMYK	0.14, 0.00, 0.57, 0.15
HSL	75°, 63%, 61%
HSV	75°, 57%, 85%
XYZ	47.8308, 61.6423, 19.9669
YIQ	194.8940, 21.9240, -44.9240

Conversions

Conversions Part 2

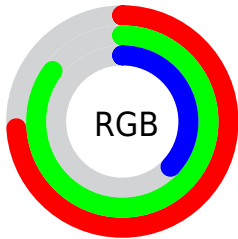
Format	Color
RYB	94, 218, 124
Decimal	12376670
CIELab	82.72, -27.83, 56.59
CIELCh	83, 63.057, 116.186
Yxy	61.6423, 0.3695, 0.4762
Android (android.graphics.Color)	4290566750 (0xFFBCDA5E)
YUV	194.8940, -49.7407, -6.0460
Hunter-Lab	78.5126, -28.6528, 39.8805

Details

The YUV color **194.8940, -49.7407, -6.0460** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **117.1060, 49.7407, 6.0460**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1110, -45.4107, 5.1647**, and **139.5950, -49.5933, -6.6608** is the 20% darker color. If you saturate the color by 10%, you get **190.8910, -58.6133, -6.9204**, and if you desaturate by 10%, it is **198.8970, -40.8682, -5.1717**.

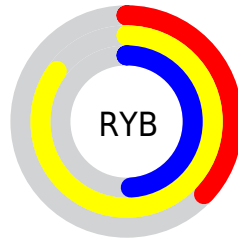
Distribution



Red (74%)

Green (85%)

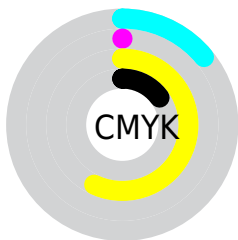
Blue (37%)



Red (37%)

Yellow (85%)

Blue (49%)

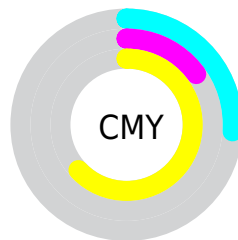


Cyan (14%)

Magenta (0%)

Yellow (57%)

Black (15%)



Cyan (26%)

Magenta (15%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.8940, -49.7407, -6.0460 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 194.8940, -49.7407, -6.0460 by changing the saturation by 10% instead.

■ 194.8940,
-49.7407, -6.0460

■ 194.8940,
-49.7407, -6.0460

255.0000, 0.0000,
0.0000

■ 167.0080,
-49.3039, -6.1460

■ 240.1110,
-45.4107, 5.1647

■ 139.5950,
-49.5933, -6.6608

■ 245.9940,
-34.5070, 7.8983

■ 111.8140,
-55.1243, -5.9759

■ 249.1860,
-22.2767, 5.0989

■ 88.4790, -43.6201,
-9.1901

■ 252.4920, -9.6096,
2.1995

■ 66.9160, -32.9896,
-12.2043

■ 44.1570, -21.7694,
-17.6777

■ 24.0670, -11.8650,

-21.1068

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 194.8940,
-49.7407, -6.0460

■ 194.8940,
-49.7407, -6.0460

■ 190.8910,
-58.6133, -6.9204

■ 198.8970,
-40.8682, -5.1717

■ 186.5890,
-67.3384, -8.4096

■ 203.1990,
-32.1431, -3.6825

■ 182.7000,
-75.7741, -9.3839

■ 207.0880,
-23.7074, -2.7082

■ 178.6970,
-84.6466, -10.2583

■ 211.0910,
-14.8349, -1.8338

■ 177.3010,
-87.4094, -10.7880

■ 215.0940, -5.9623,
-0.9594

■ 219.3960, 2.7628,
0.5297

■ 223.3990, 11.6353,
1.4041

■ 225.8060, 14.3926,
3.6781

■ 227.3010, 13.6556,
6.7520

Harmonies

Analogous

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



200.4160, -57.8861, 39.9772



194.8940, -49.7407, -6.0460



184.4150, -23.3756, -62.6310

Triad

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



194.8940, -49.7407, -6.0460



163.4930, 45.1130, -143.3834



191.8540, 11.9040, 55.3790

Complementary

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



194.8940, -49.7407, -6.0460



117.1060, 49.7407, 6.0460

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.



205.1050, 24.5982, 43.7579



194.8940, -49.7407, -6.0460



171.1220, 41.3519, -103.5930

Square

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



194.8940, -49.7407, -6.0460



167.0150, 43.3766, -146.4722



201.2640, 26.4918, -3.7395



187.4760, -15.0247, 59.2185

Rectangle

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



194.8940, -49.7407, -6.0460



157.4220, 9.1590, -138.0591



201.2640, 26.4918, -3.7395



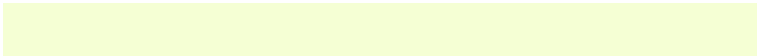
195.8950, 19.7718, 51.8351

Sweetspot

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



194.8940, -49.7407, -6.0460



247.1080, -17.3082, -1.8487



148.0990, -26.6708, 61.3032



122.9430, -10.3249, -1.7040



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.



194.8940, -49.7407, -6.0460



222.7200, -69.3750, -8.5244



176.6550, -40.7489, -43.5474



107.8490, -4.3626, -0.7446



140.7200, -69.3750, -8.5244



37.4670, -18.4712, -2.1636

Inverse Universe

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



117.1060, 49.7407, 6.0460



114.2800, 69.3750, 8.5244



135.3450, 40.7489, 43.5474



100.8520, 4.5100, 0.1298



32.2800, 69.3750, 8.5244



8.5330, 18.4712, 2.1636

Previews

White Background



This preview shows how the YUV color 194.8940, -49.7407, -6.0460 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 194.8940, -49.7407, -6.0460 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 194.8940, -49.7407, -6.0460

Background



This preview shows how black text looks on a background with the YUV color 194.8940, -49.7407, -6.0460.



This preview shows how white text looks on a background with the YUV color 194.8940, -49.7407, -6.0460.

-6.0460.

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

194.8940, -49.7407, -6.0460

Protanopia

199.3540, -53.9115, 25.1225

Deuteranopia

202.0990, -50.3348, 44.6402



Tritanopia

206.2260, 7.2836, -2.8292

Trichromacy



Original Color

194.8940, -49.7407, -6.0460

Protanomaly

197.3310, -52.4212, 13.7417

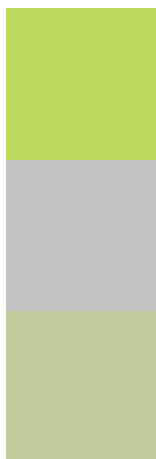
Deuteranomaly

199.3910, -49.9858, 25.9671

Tritanomaly

202.4220, -13.5190, -3.8781

Monochromacy



Original Color

194.8940, -49.7407, -6.0460

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.5810, -18.0344, -2.2635

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.8940, -49.7407, -6.0460 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(188, 218, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 218, 94)  
}
```

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(188, 218, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 218, 94) }
```

Border

The CSS property to change the border of an element to YUV 194.8940, -49.7407, -6.0460 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(188, 218, 94) }
```


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

```
.border{ border-color:rgb(188, 218, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 218, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 218, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 218, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 218,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 194.8940, -49.7407, -6.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 218, 94) }
```

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

```
.background{ background-color: rgb(188,  
218, 94) }
```

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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