

Converting Colors

YUV(194.7640, -32.4217,
-7.6860)

Have a look what the booklet for
YUV(194.7640, -32.4217, -7.6860)
contains.

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Color

**YUV(194.7640, -32.4217,
-7.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD481
RGB	186, 212, 129
RGB Percent	73%, 83%, 51%
CMY	0.2706, 0.1686, 0.4941
CMYK	0.12, 0.00, 0.39, 0.17
HSL	79°, 49%, 67%
HSV	79°, 39%, 83%
XYZ	47.7556, 59.1110, 29.6615
YIQ	194.7640, 11.1470, -31.3250

Conversions

Conversions Part 2

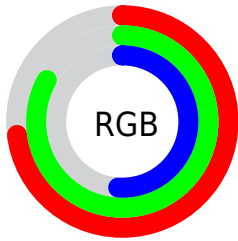
Format	Color
R _{YB}	129, 212, 155
Decimal	12244097
CIE Lab	81.35, -22.13, 38.20
CIE LCh	81, 44.145, 120.083
Yxy	59.1110, 0.3498, 0.4330
Android (android.graphics.Color)	4290434177 (0xFFBAD481)
YUV	194.7640, -32.4217, -7.6860
Hunter-Lab	76.8837, -23.6728, 30.9447

Details

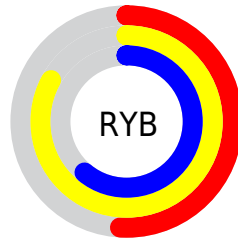
The YUV color $194.7640, -32.4217, -7.6860$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $146.2360, 32.4217, 7.6860$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2040, -29.6806, -0.1789$, and $140.5190, -30.8219, -7.4712$ is the 20% darker color. If you saturate the color by 10%, you get $190.2770, -40.5626, -9.8899$, and if you desaturate by 10%, it is $199.2510, -24.2807, -5.4821$.

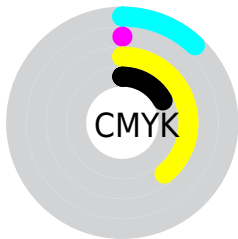
Distribution



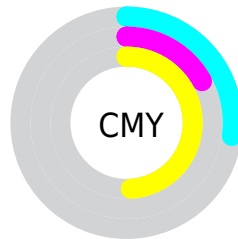
- Red (73%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7640, -32.4217, -7.6860 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 194.7640, -32.4217, -7.6860 by changing the saturation by 10% instead.

■ 194.7640,
-32.4217, -7.6860

■ 194.7640,
-32.4217, -7.6860

255.0000, 0.0000,
0.0000

■ 166.9920,
-31.5481, -7.8860

■ 243.2040,
-29.6806, -0.1789

■ 140.5190,
-30.8219, -7.4712

■ 249.9840,
-19.2191, 4.3990

■ 114.4480,
-29.8009, -8.2859

■ 253.1760, -6.9888,
1.5996

■ 89.4480, -29.8009,
-8.2859

■ 64.8070, -30.9639,
-8.6007

■ 43.6140, -21.5017,
-10.1855

■ 22.6160, -11.1497,

-17.2032

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 194.7640,
-32.4217, -7.6860

■ 194.7640,
-32.4217, -7.6860

■ 190.2770,
-40.5626, -9.8899

■ 199.2510,
-24.2807, -5.4821

■ 186.0890,
-48.8509, -11.4791

■ 203.4390,
-15.9924, -3.8930

■ 181.4880,
-57.4286, -13.5830

■ 208.0400, -7.4147,
-1.7891

■ 177.0010,
-65.5695, -15.7869

■ 212.5270, 0.7262,
0.4148

■ 172.8130,
-73.8578, -17.3760

■ 216.7150, 9.0145,
2.0039

■ 168.3260,
-81.9987, -19.5799

■ 221.0880, 16.7186,
4.3078

■ 168.0980,
-82.8723, -19.3799

■ 222.8820, 15.8342,
7.9965

■ 224.9750, 14.8023,
12.2999

■ 227.0680, 13.7705,
16.6034

Harmonies

Analogous

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



199.4370, -39.6554, 25.9268



194.7640, -32.4217, -7.6860



187.9300, -14.2625, -45.5426

Triad

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



194.7640, -32.4217, -7.6860



174.6880, 39.5938, -99.7044



199.2910, 2.3215, 48.8568

Complementary

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



194.7640, -32.4217, -7.6860



146.2360, 32.4217, 7.6860

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.



207.6610, 17.9151, 40.6393



194.7640, -32.4217, -7.6860



192.1510, 30.9846, -44.8594

Square

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



194.7640, -32.4217, -7.6860



158.4890, 41.1709, -138.9949



203.0800, 25.5966, 3.4378



196.3780, -16.4554, 51.4115

Rectangle

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



194.7640, -32.4217, -7.6860



181.4070, 2.2643, -73.1479



203.0800, 25.5966, 3.4378



201.4740, 8.1473, 46.9423

Sweetspot

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



194.7640, -32.4217, -7.6860



248.4760, -12.0667, -3.0485



168.4920, -19.4696, 38.1565



124.1540, -6.9779, -1.8891



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.



194.7640, -32.4217, -7.6860



229.9580, -46.8143, -11.3642



182.8040, -26.5254, -32.2771



104.8490, -4.3626, -0.7446



135.3600, -66.7325, -16.1017



34.2110, -16.8660, -3.6930

Inverse Universe

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



146.2360, 32.4217, 7.6860



160.0420, 46.8143, 11.3642



158.1960, 26.5254, 32.2771



98.4500, 4.2152, 1.3594



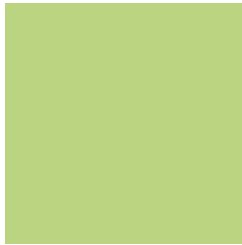
35.6400, 66.7325, 16.1017



9.0880, 16.7186, 4.3078

Previews

White Background



This preview shows how the YUV color 194.7640, -32.4217, -7.6860 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 194.7640, -32.4217, -7.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

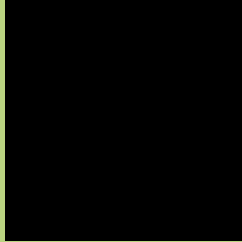
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.7640, -32.4217, -7.6860

Background



This preview shows how black text looks on a background with the YUV color 194.7640, -32.4217, -7.6860.



This preview shows how white text looks on a background with the YUV color 194.7640, -32.4217, -7.6860.

-7.6860.

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

194.7640, -32.4217, -7.6860

Protanopia

198.6040, -36.2868, 18.7643

Deuteranopia

200.8110, -33.4308, 36.1228



Tritanopia

201.9270, 7.4310, -3.4440

Trichromacy



Original Color

194.7640, -32.4217, -7.6860

Protanomaly

197.4780, -35.2387, 9.2278

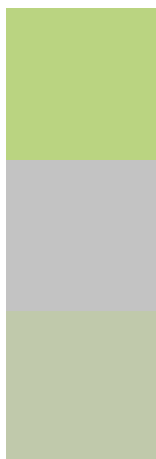
Deuteranomaly

198.8260, -32.9452, 20.3236

Tritanomaly

199.4310, -7.1145, -4.7630

Monochromacy



Original Color

194.7640, -32.4217, -7.6860

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8890, -11.7773, -2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7640, -32.4217, -7.6860 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(186, 212, 129)` looks like.

```
.text, #text, p{  
    color:rgb(186, 212, 129)  
}
```

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(186, 212, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 212, 129) }
```

Border

The CSS property to change the border of an element to YUV 194.7640, -32.4217, -7.6860 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(186, 212, 129) }
```


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

```
.border{ border-color:rgb(186, 212, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 212, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 212, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 212, 129);  
box-shadow:4px 4px 4px 4px rgb(186, 212,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 194.7640, -32.4217, -7.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 212, 129) }
```

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

```
.background{ background-color: rgb(186,  
212, 129) }
```

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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