

Converting Colors

YUV(192.7600, -32.9127,
9.8575)

Have a look what the booklet for
YUV(192.7600, -32.9127, 9.8575)
contains.

YUV(192.7600, -32.9127, 9.8575)	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(192.7600, -32.9127,
9.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC87E
RGB	204, 200, 126
RGB Percent	80%, 78%, 49%
CMY	0.2000, 0.2157, 0.5059
CMYK	0.00, 0.02, 0.38, 0.20
HSL	57°, 43%, 65%
HSV	57°, 38%, 80%
XYZ	49.3220, 55.6523, 27.8811
YIQ	192.7600, 26.1380, -22.1660

Conversions

Conversions Part 2

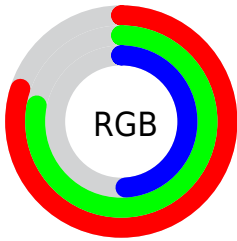
Format	Color
RYB	130, 204, 126
Decimal	13420670
CIELab	79.42, -9.48, 37.51
CIELCh	79, 38.686, 104.183
Yxy	55.6523, 0.3712, 0.4189
Android (android.graphics.Color)	4291610750 (0xFFCCC87E)
YUV	192.7600, -32.9127, 9.8575
Hunter-Lab	74.6005, -12.5357, 30.0613

Details

The YUV color $192.7600, -32.9127, 9.8575$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $137.2400, 32.9127, -9.8575$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $138.5040, -31.3075, 8.3280$ is the 20% darker color. If you saturate the color by 10%, you get $189.8930, -41.3592, 12.3718$, and if you desaturate by 10%, it is $195.6270, -24.4661, 7.3431$.

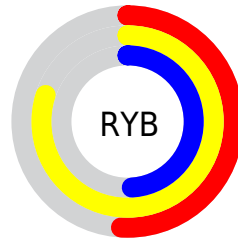
Distribution



Red (80%)

Green (78%)

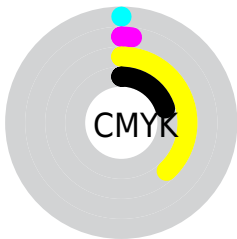
Blue (49%)



Red (51%)

Yellow (80%)

Blue (49%)

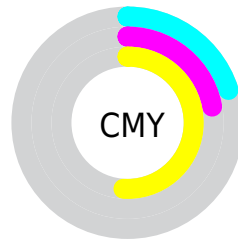


Cyan (0%)

Magenta (2%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7600, -32.9127, 9.8575 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 192.7600, -32.9127, 9.8575 by changing the saturation by 10% instead.

■ 192.7600,
-32.9127, 9.8575

■ 192.7600,
-32.9127, 9.8575

255.0000, 0.0000,
0.0000

■ 165.5750,
-32.3285, 9.1427

■ 246.4500,
-32.7599, 7.4983

■ 138.5040,
-31.3075, 8.3280

■ 249.5280,
-20.9663, 4.7989

■ 113.3190,
-30.7233, 7.6132

■ 252.8340, -8.2992,
1.8996

■ 88.1340, -30.1391,
6.8985

■ 63.6070, -30.8653,
6.4837

■ 43.4030, -21.3977,
3.1546

■ 23.9000, -11.7827,

-0.7893

■ 0.0000, 0.0000,
0.0000

■ 192.7600,
-32.9127, 9.8575

■ 192.7600,
-32.9127, 9.8575

■ 189.8930,
-41.3592, 12.3718

■ 195.6270,
-24.4661, 7.3431

■ 186.9120,
-50.2426, 14.9862

■ 198.6080,
-15.5827, 4.7288

■ 184.0450,
-58.6892, 17.5005

■ 201.4750, -7.1362,
2.2144

■ 181.0640,
-67.5726, 20.1149

■ 204.4560, 1.7472,
-0.3999

■ 178.1970,
-76.0191, 22.6292

■ 207.3230, 10.1938,
-2.9143

■ 175.3300,
-84.4657, 25.1436

■ 210.1900, 18.6403,
-5.4286

■ 174.8740,
-86.2129, 25.5435

■ 211.5750, 21.4085,
-6.6433

■ 212.1620, 21.1191,
-7.1581

■ 212.7490, 20.8297,
-7.6729

Harmonies

Analogous

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



196.1100, -33.5782, 36.7375



192.7600, -32.9127, 9.8575



188.1350, -21.7586, -21.1664

Triad

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



192.7600, -32.9127, 9.8575



173.4070, 35.7883, -92.4419



201.3600, 7.7105, 47.0423

Complementary

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



192.7600, -32.9127, 9.8575



137.2400, 32.9127, -9.8575

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.



201.3100, 23.5112, 19.0221



192.7600, -32.9127, 9.8575



184.6760, 34.6697, -60.2289

Square

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



192.7600, -32.9127, 9.8575



174.0970, 19.1792, -85.1541



194.6750, 29.7402, -19.0090



196.0820, -7.4354, 51.6711

Rectangle

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



192.7600, -32.9127, 9.8575



184.6790, -10.1947, -43.5685



194.6750, 29.7402, -19.0090



202.0970, 13.2632, 39.3799

Sweetspot

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



192.7600, -32.9127, 9.8575



251.2210, -11.9410, 3.3142



149.8920, -9.3138, 47.4527



125.4750, -7.1362, 2.2144



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.



192.7600, -32.9127, 9.8575



238.1400, -49.3690, 14.7862



184.9420, -29.0584, -13.1041



100.2730, -4.0786, 1.5146



141.7930, -69.9039, 21.2295



32.4940, -16.0195, 4.8288

Inverse Universe

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



137.2400, 32.9127, -9.8575



154.8600, 49.3690, -14.7862



145.0580, 29.0584, 13.1041



93.1400, 4.3680, -0.9998



23.6200, 70.1933, -20.7147



5.5060, 16.0195, -4.8288

Previews

White Background



This preview shows how the YUV color 192.7600, -32.9127, 9.8575 looks on a white background.

Color Contrast Check

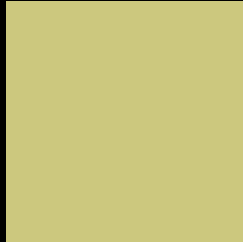
Large Text (above 18pt) WCAG AA × Fail

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 192.7600, -32.9127, 9.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

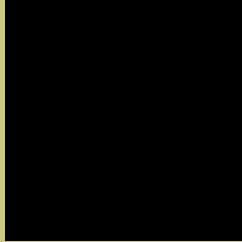
Any Text WCAG AA ✓ Pass

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 192.7600, -32.9127, 9.8575 Background



This preview shows how black text looks on a background with the YUV color 192.7600, -32.9127, 9.8575.



This preview shows how white text looks on a background with the YUV color 192.7600, -32.9127, 9.8575.

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

192.7600, -32.9127, 9.8575

Protanopia

193.8750, -33.9554, 17.6496

Deuteranopia

195.6260, -32.8466, 35.4080



Tritanopia

198.5870, 3.1616, 12.6402

Trichromacy



Original Color

192.7600, -32.9127, 9.8575

Protanomaly

193.2660, -33.6551, 14.6757

Deuteranomaly

194.2720, -32.6721, 26.0715

Tritanomaly

196.7320, -10.2209, 11.6360

Monochromacy



Original Color

192.7600, -32.9127, 9.8575

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2210, -11.9410, 3.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7600, -32.9127, 9.8575 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(204, 200, 126)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 126)  
}
```

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(204, 200, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 126) }
```

Border

The CSS property to change the border of an element to YUV 192.7600, -32.9127, 9.8575 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(204, 200, 126) }
```


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

```
.border{ border-color:rgb(204, 200, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 200, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 200, 126); box-shadow:4px 4px 4px 4px rgb(204, 200, 126) }
```

Background

The CSS property to change the background color of an element to YUV 192.7600, -32.9127, 9.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 126) }
```

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

```
.background{ background-color: rgb(204,  
200, 126) }
```

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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