

Converting Colors

YUV(174.0540, -32.0716,
20.1236)

Have a look what the booklet for
YUV(174.0540, -32.0716, 20.1236)
contains.

YUV(174.0540, -32.0716, 20.1236)	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(174.0540, -32.0716,
20.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AF6D
RGB	197, 175, 109
RGB Percent	77%, 69%, 43%
CMY	0.2275, 0.3137, 0.5725
CMYK	0.00, 0.11, 0.45, 0.23
HSL	45°, 43%, 60%
HSV	45°, 45%, 77%
XYZ	41.1162, 43.6344, 20.7232
YIQ	174.0540, 34.2980, -15.8620

Conversions

Conversions Part 2

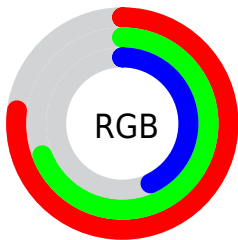
Format	Color
RYB	138, 197, 109
Decimal	12955501
CIELab	71.98, -1.09, 36.65
CIElCh	72, 36.668, 91.705
Yxy	43.6344, 0.3898, 0.4137
Android (android.graphics.Color)	4291145581 (0xFFC5AF6D)
YUV	174.0540, -32.0716, 20.1236
Hunter-Lab	66.0563, -4.4926, 27.6389

Details

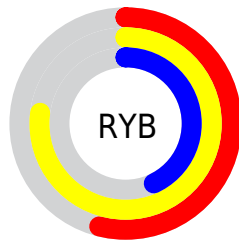
The YUV color $174.0540, -32.0716, 20.1236$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $131.9460, 32.0716, -20.1236$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.6090, -33.8242, 22.2679$, and $121.2000, -30.1716, 17.3646$ is the 20% darker color. If you saturate the color by 10%, you get $168.8390, -39.3606, 24.6972$, and if you desaturate by 10%, it is $179.2690, -24.7826, 15.5501$.

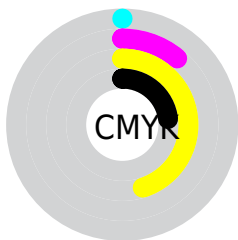
Distribution



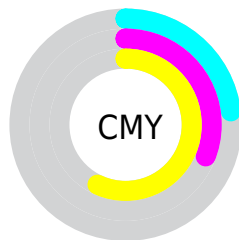
- Red (77%)
- Green (69%)
- Blue (43%)



- Red (54%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0540, -32.0716, 20.1236 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 174.0540, -32.0716, 20.1236 by changing the saturation by 10% instead.

■ 174.0540,
-32.0716, 20.1236

■ 174.0540,
-32.0716, 20.1236

255.0000, 0.0000,
0.0000

■ 146.9830,
-31.0506, 19.3089

■ 229.6090,
-33.8242, 22.2679

■ 121.2000,
-30.1716, 17.3646

■ 247.4760,
-28.8287, 6.5985

■ 96.0150, -29.5874,
16.6498

■ 250.6680,
-16.5983, 3.7992

■ 71.3030, -29.7294,
15.5203

■ 253.9740, -3.9312,
0.8998

■ 49.6600, -24.4824,
12.5762

■ 29.8580, -14.7200,
8.0175

■ 7.0880, -3.4944,

0.7998

■ 0.0000, 0.0000,
0.0000

■ 174.0540,
-32.0716, 20.1236

■ 174.0540,
-32.0716, 20.1236

■ 168.8390,
-39.3606, 24.6972

■ 179.2690,
-24.7826, 15.5501

■ 163.7380,
-46.2128, 29.1708

■ 184.3700,
-17.9304, 11.0765

■ 158.5230,
-53.5018, 33.7443

■ 189.5850,
-10.6414, 6.5030

■ 153.3080,
-60.7908, 38.3179

■ 194.8000, -3.3524,
1.9294

■ 148.2070,
-67.6431, 42.7915

■ 200.0150, 3.9366,
-2.6442

■ 145.7790,
-71.8690, 44.9208

■ 205.1160, 10.7888,
-7.1177

■ 209.7440, 18.3672,
-11.1765

■ 213.5910, 20.4146,
-14.5503

■ 216.5260, 18.9677,
-17.1243

Harmonies

Analogous

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



176.4080, -28.7951, 42.6152



174.0540, -32.0716, 20.1236



170.4850, -25.8751, -7.4413

Triad

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



174.0540, -32.0716, 20.1236



151.2840, 28.9470, -91.4571



181.1780, 13.7162, 34.0469

Complementary

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



174.0540, -32.0716, 20.1236



131.9460, 32.0716, -20.1236

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.



179.3080, 26.4702, 3.2379



174.0540, -32.0716, 20.1236



160.1690, 36.8917, -72.9392

Square

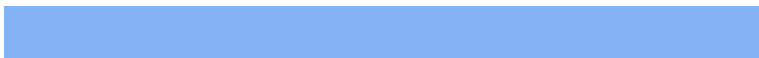
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.0540, -32.0716, 20.1236



157.6770, 9.5262, -68.9997



172.2430, 34.8832, -35.2931



180.4610, -2.1993, 52.2157

Rectangle

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



174.0540, -32.0716, 20.1236



167.4700, -16.5007, -27.5992



172.2430, 34.8832, -35.2931



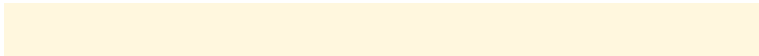
180.9750, 18.2533, 25.4549

Sweetspot

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



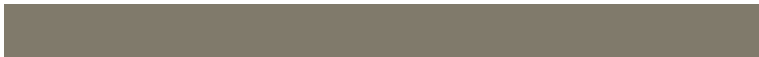
174.0540, -32.0716, 20.1236



246.5420, -12.0992, 7.4177



137.8200, -3.3623, 51.9009



122.0840, -7.4364, 5.1883



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.



174.0540, -32.0716, 20.1236



219.3100, -50.4388, 31.3001



180.3900, -35.1953, -4.7270



96.8000, -3.3524, 1.9294



120.3510, -59.3330, 37.4032



26.6130, -13.1202, 8.2324

Inverse Universe

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



131.9460, 32.0716, -20.1236



153.2770, 50.1494, -31.8149



125.6100, 35.1953, 4.7270



92.2000, 3.3524, -1.9294



42.6490, 59.3330, -37.4032



9.3870, 13.1202, -8.2324

Previews

White Background



This preview shows how the YUV color 174.0540, -32.0716, 20.1236 looks on a white background.

Color Contrast Check

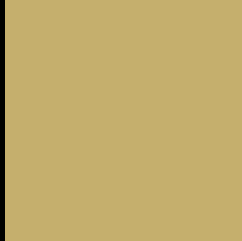
Large Text (above 18pt) WCAG AA × Fail

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 174.0540, -32.0716, 20.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

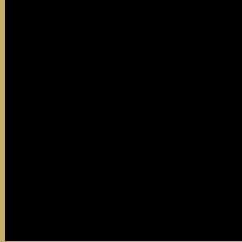
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0540, -32.0716, 20.1236

Background



This preview shows how black text looks on a background with the YUV color 174.0540, -32.0716, 20.1236.

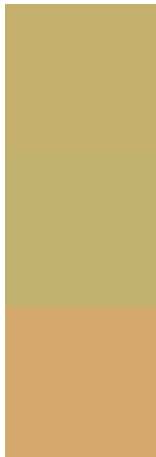


This preview shows how white text looks on a background with the YUV color 174.0540, -32.0716,

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

174.0540, -32.0716, 20.1236

Protanopia

174.1460, -31.6240, 16.5350

Deuteranopia

175.4300, -32.2570, 32.9489



Tritanopia

178.8440, 0.0769, 22.0618

Trichromacy



Original Color

174.0540, -32.0716, 20.1236

Protanomaly

173.8580, -31.4820, 17.6645

Deuteranomaly

174.8100, -31.9513, 28.2306

Tritanomaly

176.8580, -11.2690, 21.1725

Monochromacy



Original Color

174.0540, -32.0716, 20.1236

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6560, -11.6624, 7.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0540, -32.0716, 20.1236 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(197, 175, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 109)  
}
```

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(197, 175, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 109) }
```

Border

The CSS property to change the border of an element to YUV 174.0540, -32.0716, 20.1236 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(197, 175, 109) }
```


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

```
.border{ border-color:rgb(197, 175, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 174.0540, -32.0716, 20.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 109) }
```

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

```
.background{ background-color: rgb(197,  
175, 109) }
```

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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