

Converting Colors

YUV(152.8040, -32.9344,
16.8349)

Have a look what the booklet for
YUV(152.8040, -32.9344, 16.8349)
contains.

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Color

**YUV(152.8040, -32.9344,
16.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9C56
RGB	172, 156, 86
RGB Percent	67%, 61%, 34%
CMY	0.3255, 0.3882, 0.6627
CMYK	0.00, 0.09, 0.50, 0.33
HSL	49°, 34%, 51%
HSV	49°, 50%, 67%
XYZ	30.5814, 33.2195, 13.6043
YIQ	152.8040, 32.0060, -18.3780

Conversions

Conversions Part 2

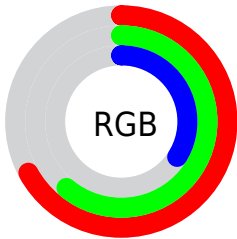
Format	Color
RYB	106, 172, 86
Decimal	11312214
CIELab	64.34, -3.67, 38.53
CIELCh	64, 38.703, 95.438
Yxy	33.2195, 0.3951, 0.4292
Android (android.graphics.Color)	4289502294 (0xFFAC9C56)
YUV	152.8040, -32.9344, 16.8349
Hunter-Lab	57.6363, -6.1527, 26.3508

Details

The YUV color **152.8040, -32.9344, 16.8349** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105.1960, 32.9344, -16.8349**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3590, -34.6870, 18.9792**, and **101.1350, -31.6186, 14.7906** is the 20% darker color. If you saturate the color by 10%, you get **149.1050, -39.4918, 20.0789**, and if you desaturate by 10%, it is **156.5030, -26.3770, 13.5909**.

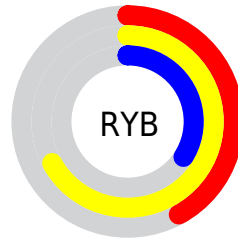
Distribution



Red (67%)

Green (61%)

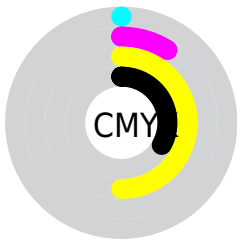
Blue (34%)



Red (42%)

Yellow (67%)

Blue (34%)

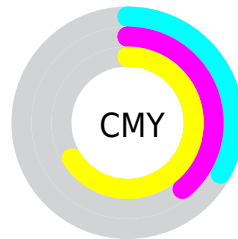


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8040, -32.9344, 16.8349 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 152.8040, -32.9344, 16.8349 by changing the saturation by 10% instead.

■ 152.8040,
-32.9344, 16.8349

■ 152.8040,
-32.9344, 16.8349

■ 255.0000, 0.0000,
0.0000

■ 126.3200,
-32.2028, 15.5054

■ 207.3590,
-34.6870, 18.9792

■ 101.1350,
-31.6186, 14.7906

■ 235.2340,
-35.1184, 17.3348

■ 76.4230, -31.7605,
13.6610

■ 247.7040,
-27.9551, 6.3986

■ 54.0790, -26.6609,
11.3317

■ 251.0100,
-15.2879, 3.4992

■ 34.2770, -16.8986,
6.7731

■ 254.2020, -3.0576,
0.6998

■ 14.1650, -6.9833,
-0.1447

■ 0.0000, 0.0000,

0.0000

■ 152.8040,
-32.9344, 16.8349

■ 152.8040,
-32.9344, 16.8349

■ 149.1050,
-39.4918, 20.0789

■ 156.5030,
-26.3770, 13.5909

■ 145.4060,
-46.0492, 23.3229

■ 160.2020,
-19.8196, 10.3468

■ 141.0060,
-52.7540, 27.1817

■ 164.6020,
-13.1148, 6.4880

■ 137.3070,
-59.3114, 30.4258

■ 168.3010, -6.5574,
3.2440

■ 133.6080,
-65.8687, 33.6698

■ 172.0000, 0.0000,
0.0000

■ 175.6990, 6.5574,
-3.2440

■ 179.3980, 13.1148,
-6.4880

■ 183.7980, 19.8196,
-10.3468

■ 187.4970, 26.3770,
-13.5909

Harmonies

Analogous

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



155.3430, -30.2421, 40.0412



152.8040, -32.9344, 16.8349



148.9790, -25.1326, -12.2596

Triad

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



152.8040, -32.9344, 16.8349



123.7810, 35.1110, -108.5559



160.1570, 12.2476, 38.4503

Complementary

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



152.8040, -32.9344, 16.8349



105.1960, 32.9344, -16.8349

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.



159.5150, 25.8751, 7.4413



152.8040, -32.9344, 16.8349



134.5420, 41.1448, -83.7903

Square

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



152.8040, -32.9344, 16.8349



129.1630, 15.6956, -87.8430



151.7810, 35.6040, -33.1339



158.7280, -3.8099, 55.4895

Rectangle

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



152.8040, -32.9344, 16.8349



145.0070, -14.3005, -33.3321



151.7810, 35.6040, -33.1339



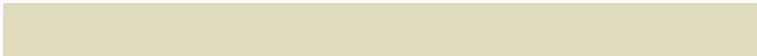
160.1820, 17.6583, 29.6584

Sweetspot

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



152.8040, -32.9344, 16.8349



216.7160, -12.6780, 6.3881



113.6520, -5.2514, 51.1712



107.3720, -7.5784, 4.0588



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.8040, -32.9344, 16.8349



194.0490, -51.2962, 26.2670



154.4220, -33.7320, -7.3861



84.8000, -3.3524, 1.9294



116.4640, -57.4168, 29.4111



18.0300, -8.8888, 4.3587

Inverse Universe

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



105.1960, 32.9344, -16.8349



119.9510, 51.2962, -26.2670



103.5780, 33.7320, 7.3861



80.2000, 3.3524, -1.9294



33.5360, 57.4168, -29.4111



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 152.8040, -32.9344, 16.8349 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 152.8040, -32.9344, 16.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

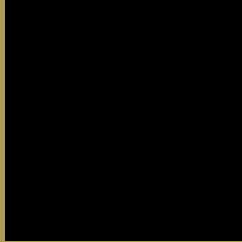
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8040, -32.9344, 16.8349

Background



This preview shows how black text looks on a background with the YUV color 152.8040, -32.9344, 16.8349.



This preview shows how white text looks on a background with the YUV color 152.8040, -32.9344, 16.8349.

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

152.8040, -32.9344, 16.8349

Protanopia

152.8040, -32.9344, 16.8349

Deuteranopia

154.3050, -32.6884, 31.3045



Tritanopia

158.5230, 0.2352, 17.9583

Trichromacy



Original Color

152.8040, -32.9344, 16.8349

Protanomaly

152.8040, -32.9344, 16.8349

Deuteranomaly

153.8590, -32.9615, 25.5567

Tritanomaly

156.3090, -11.9843, 17.2690

Monochromacy



Original Color

152.8040, -32.9344, 16.8349

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8040, -32.9344, 16.8349 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(172, 156, 86)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 86)  
}
```

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(172, 156, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 86) }
```

Border

The CSS property to change the border of an element to YUV 152.8040, -32.9344, 16.8349 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(172, 156, 86) }
```


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

```
.border{ border-color:rgb(172, 156, 86) }
```

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

Here you see how a box with a 4 pixel rgb(172, 156, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 86);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 152.8040, -32.9344, 16.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 86) }
```

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

```
.background{ background-color: rgb(172,  
156, 86) }
```

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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