

Converting Colors

YUV(145.2380, -64.7003,
32.2403)

Have a look what the booklet for
YUV(145.2380, -64.7003, 32.2403)
contains.

YUV(145.2380, -64.7003, 32.2403)	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(145.2380, -64.7003,
32.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	B6980E
RGB	182, 152, 14
RGB Percent	71%, 60%, 5%
CMY	0.2863, 0.4039, 0.9451
CMYK	0.00, 0.16, 0.92, 0.29
HSL	49°, 86%, 38%
HSV	49°, 92%, 71%
XYZ	30.5989, 32.4333, 5.0630
YIQ	145.2380, 62.1780, -36.5580

Conversions

Conversions Part 2

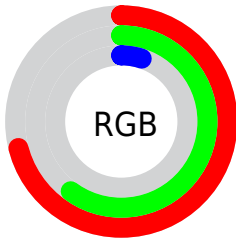
Format	Color
R_{YB}	51, 182, 14
Decimal	11966478
CIE Lab	63.70, -0.85, 65.49
CIE LCh	64, 65.499, 90.743
Yxy	32.4333, 0.4494, 0.4763
Android (android.graphics.Color)	4290156558 (0xFFB6980E)
YUV	145.2380, -64.7003, 32.2403
Hunter-Lab	56.9502, -3.7562, 34.5942

Details

The YUV color **145.2380, -64.7003, 32.2403** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **50.7620, 64.7003, -32.2403**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2860, -60.7800, 34.8292**, and **96.9500, -47.7963, 23.7229** is the 20% darker color. If you saturate the color by 10%, you get **142.4680, -70.2367, 34.6696**, and if you desaturate by 10%, it is **149.0510, -57.7061, 28.8963**.

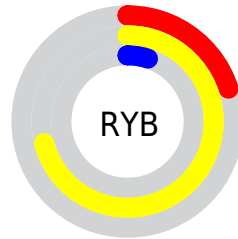
Distribution



Red (71%)

Green (60%)

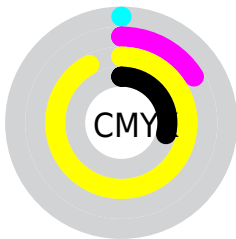
Blue (5%)



Red (20%)

Yellow (71%)

Blue (5%)

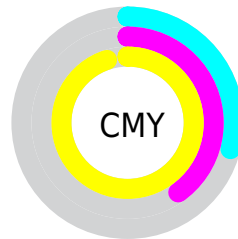


Cyan (0%)

Magenta (16%)

Yellow (92%)

Black (29%)



Cyan (29%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2380, -64.7003, 32.2403 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 145.2380, -64.7003, 32.2403 by changing the saturation by 10% instead.

■ 145.2380,
-64.7003, 32.2403

■ 145.2380,
-64.7003, 32.2403

■ 255.0000, 0.0000,
0.0000

■ 119.7090,
-59.0165, 29.1962

■ 202.2860,
-60.7800, 34.8292

■ 96.9500, -47.7963,
23.7229

■ 225.6870,
-59.0057, 25.7075

■ 74.7890, -36.8710,
19.4790

■ 241.0920,
-53.2894, 12.1973

■ 52.9160, -26.0876,
14.1057

■ 244.2840,
-41.0590, 9.3979

■ 33.1140, -16.3252,
9.5470

■ 247.4760,
-28.8287, 6.5985

■ 12.7140, -6.2680,
3.7588

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.2020, -3.0576,
0.6998

145.2380,
-64.7003, 32.2403

145.2380,
-64.7003, 32.2403

142.4680,
-70.2367, 34.6696

149.0510,
-57.7061, 28.8963

153.4510,
-51.0013, 25.0375

157.3780,
-43.5704, 21.5935

161.1910,
-36.5762, 18.2495

165.0040,
-29.5820, 14.9055

■ 169.4040,
-22.8772, 11.0467

■ 173.2170,
-15.8830, 7.7027

■ 177.1440, -8.4520,
4.2587

■ 180.9570, -1.4578,
0.9147

Harmonies

Analogous

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



149.1820, -49.3897, 68.2464



145.2380, -64.7003, 32.2403



140.1810, -48.4032, -15.0677

Triad

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



145.2380, -64.7003, 32.2403



130.5290, 40.6582, -114.4739



157.1870, 27.0228, 59.4720

Complementary

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



145.2380, -64.7003, 32.2403



50.7620, 64.7003, -32.2403

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.



156.4210, 48.5994, -1.2462



145.2380, -64.7003, 32.2403



131.7950, 60.7401, -115.5842

Square

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



145.2380, -64.7003, 32.2403



124.3900, 14.5977, -109.0900



123.5770, 64.7915, -108.3770



150.8540, 2.0440, 91.3360

Rectangle

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



145.2380, -64.7003, 32.2403



132.0200, -27.6179, -55.2685



123.5770, 64.7915, -108.3770



158.4390, 34.7866, 42.5880

Sweetspot

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



145.2380, -64.7003, 32.2403



222.4320, -25.3560, 12.7761



67.7660, -11.2236, 100.1832



111.2170, -15.8830, 7.7027



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



145.2380, -64.7003, 32.2403



185.3280, -91.3667, 45.3163



147.0010, -65.5695, -15.7869



89.8000, -3.3524, 1.9294



121.7800, -60.0375, 30.0109



21.8730, -10.7834, 5.3734

Inverse Universe

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



50.7620, 64.7003, -32.2403



51.6720, 91.3667, -45.3163



48.9990, 65.5695, 15.7869



84.6130, 3.6418, -1.4146



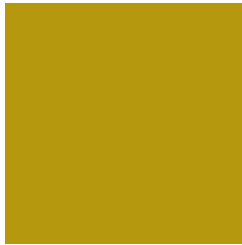
34.2200, 60.0375, -30.0109



6.1270, 10.7834, -5.3734

Previews

White Background



This preview shows how the YUV color 145.2380, -64.7003, 32.2403 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 145.2380, -64.7003, 32.2403 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 145.2380, -64.7003, 32.2403

Background



This preview shows how black text looks on a background with the YUV color 145.2380, -64.7003, 32.2403.



This preview shows how white text looks on a background with the YUV color 145.2380, -64.7003, 32.2403.

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

145.2380, -64.7003, 32.2403

Protanopia

144.7210, -63.9525, 25.6777

Deuteranopia

146.4010, -61.8227, 42.6213



Tritanopia

156.9050, -2.4182, 29.0243

Trichromacy



Original Color

145.2380, -64.7003, 32.2403

Protanomaly

145.0310, -64.1053, 28.0368

Deuteranomaly

145.7380, -62.9748, 38.8178

Tritanomaly

152.6560, -24.9734, 30.1197

Monochromacy



Original Color

145.2380, -64.7003, 32.2403

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1760, -23.7508, 11.2466

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2380, -64.7003, 32.2403 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(182, 152, 14)` looks like.

```
.text, #text, p{  
    color:rgb(182, 152, 14)  
}
```

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(182, 152, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 152, 14) }
```

Border

The CSS property to change the border of an element to YUV 145.2380, -64.7003, 32.2403 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(182, 152, 14) }
```


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

```
.border{ border-color:rgb(182, 152, 14) }
```

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

Here you see how a box with a 4 pixel rgb(182, 152, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 152, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 152, 14);  
box-shadow:4px 4px 4px 4px rgb(182, 152,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 145.2380, -64.7003, 32.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 152, 14) }
```

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

```
.background{ background-color: rgb(182,  
152, 14) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor