

Converting Colors

YUV(164.2600, -34.6382,
3.2800)

Have a look what the booklet for
YUV(164.2600, -34.6382, 3.2800)
contains.

| | |
|--|----|
| YUV(164.2600, -34.6382, 3.2800) | 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(164.2600, -34.6382,
3.2800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A8B05E |
| RGB | 168, 176, 94 |
| RGB Percent | 66%, 69%, 37% |
| CMY | 0.3412, 0.3098, 0.6314 |
| CMYK | 0.05, 0.00, 0.47, 0.31 |
| HSL | 66°, 34%, 53% |
| HSV | 66°, 47%, 69% |
| XYZ | 33.6942, 40.1837, 16.5700 |
| YIQ | 164.2600, 21.5540, -27.1980 |

Conversions

Conversions Part 2

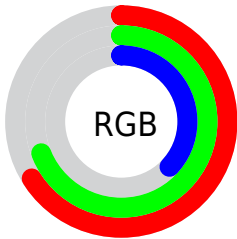
| Format | Color |
|-------------------------------------|--|
| RYB | 94, 176, 102 |
| Decimal | 11055198 |
| CIELab | 69.60, -15.10, 40.81 |
| CIELCh | 70, 43.511, 110.303 |
| Yxy | 40.1837, 0.3725, 0.4443 |
| Android (android.graphics.Color) | 4289245278 (0xFFA8B05E) |
| YUV | 164.2600, -34.6382, 3.2800 |
| Hunter-Lab | 63.3906, -16.0549, 28.8753 |

Details

The YUV color **164.2600, -34.6382, 3.2800** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **105.7400, 34.6382, -3.2800**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8040, -36.3854, 3.6799**, and **111.8900, -33.4698, 1.8505** is the 20% darker color. If you saturate the color by 10%, you get **161.6100, -42.2057, 3.8500**, and if you desaturate by 10%, it is **166.9100, -27.0706, 2.7099**.

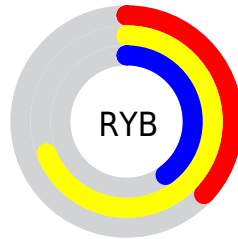
Distribution



Red (66%)

Green (69%)

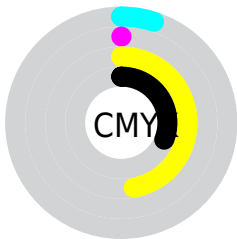
Blue (37%)



Red (37%)

Yellow (69%)

Blue (40%)

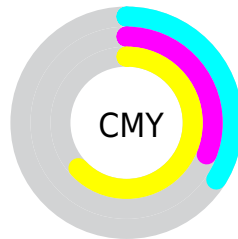


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2600, -34.6382, 3.2800 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 164.2600, -34.6382, 3.2800 by changing the saturation by 10% instead.

■ 164.2600,
-34.6382, 3.2800

■ 164.2600,
-34.6382, 3.2800

255.0000, 0.0000,
0.0000

■ 137.4880,
-33.7646, 3.0800

■ 219.8040,
-36.3854, 3.6799

■ 111.8900,
-33.4698, 1.8505

■ 245.3530,
-35.6700, 7.5834

■ 86.5910, -33.3224,
1.2357

■ 248.8440,
-23.5871, 5.3988

■ 62.8620, -30.9910,
0.1210

■ 252.0360,
-11.3567, 2.5994

■ 42.4840, -20.9446,
-2.1785

■ 22.3830, -11.0348,
-7.3519

■ 0.0000, 0.0000,

0.0000

■ 164.2600,
-34.6382, 3.2800

■ 164.2600,
-34.6382, 3.2800

■ 161.6100,
-42.2057, 3.8500

■ 166.9100,
-27.0706, 2.7099

■ 159.3730,
-49.4839, 4.9349

■ 169.1470,
-19.7925, 1.6251

■ 156.7230,
-57.0514, 5.5049

■ 171.7970,
-12.2249, 1.0550

■ 154.1870,
-64.1822, 5.9750

■ 174.3330, -5.0942,
0.5850

■ 151.5370,
-71.7497, 6.5451

■ 176.9830, 2.4734,
0.0149

■ 150.8530,
-74.3705, 7.1449

■ 179.3340, 10.1883,
-1.1699

■ 181.8700, 17.3191,
-1.6400

■ 184.5200, 24.8866,
-2.2100

■ 186.7570, 32.1648,
-3.2949

Harmonies

Analogous

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



167.6490, -37.7880, 33.6338



164.2600, -34.6382, 3.2800



158.5250, -19.9788, -32.0324

Triad

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



164.2600, -34.6382, 3.2800



135.9890, 46.3474, -119.2624



173.8450, 5.4994, 56.2639

Complementary

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



164.2600, -34.6382, 3.2800



105.7400, 34.6382, -3.2800

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.



175.1370, 22.6105, 27.9439



164.2600, -34.6382, 3.2800



156.2650, 44.7324, -67.7614

Square

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



164.2600, -34.6382, 3.2800



133.8740, 30.6281, -117.4075



170.7170, 36.1285, -14.6608



171.6770, -13.1518, 65.1813

Rectangle

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



164.2600, -34.6382, 3.2800



152.8450, -5.3466, -58.6231



170.7170, 36.1285, -14.6608



174.6960, 11.4889, 48.5016

Sweetspot

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



164.2600, -34.6382, 3.2800



225.0420, -13.8247, 0.8402



122.6270, -14.1131, 46.8081



112.1220, -8.4411, 0.7700



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



164.2600, -34.6382, 3.2800



211.4070, -54.4307, 4.9051



152.3000, -28.7419, -21.3111



87.6750, -3.7838, 0.2850



131.0730, -64.6190, 6.0750



22.1390, -10.9145, 0.7551

Inverse Universe

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



105.7400, 34.6382, -3.2800



119.5930, 54.4307, -4.9051



117.7000, 28.7419, 21.3111



81.3250, 3.7838, -0.2850



21.9270, 64.6190, -6.0750



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 164.2600, -34.6382, 3.2800 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 164.2600, -34.6382, 3.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

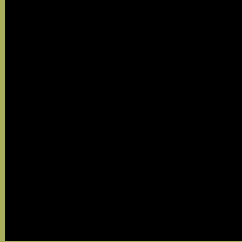
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2600, -34.6382, 3.2800

Background



This preview shows how black text looks on a background with the YUV color 164.2600, -34.6382, 3.2800.



This preview shows how white text looks on a background with the YUV color 164.2600, -34.6382, 3.2800.

3.2800.

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

164.2600, -34.6382, 3.2800

Protanopia

166.1910, -36.5762, 18.2495

Deuteranopia

168.0450, -35.0252, 34.1635



Tritanopia

171.0700, 3.9095, 6.0776

Trichromacy



Original Color

164.2600, -34.6382, 3.2800

Protanomaly

165.3860, -35.6863, 12.8165

Deuteranomaly

166.6800, -34.8452, 23.0826

Tritanomaly

168.6880, -10.1992, 4.6586

Monochromacy



Original Color

164.2600, -34.6382, 3.2800

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7970, -12.2249, 1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2600, -34.6382, 3.2800 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(168, 176, 94)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 94)  
}
```

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(168, 176, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 94) }
```

Border

The CSS property to change the border of an element to YUV 164.2600, -34.6382, 3.2800 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(168, 176, 94) }
```


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

```
.border{ border-color:rgb(168, 176, 94) }
```

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

Here you see how a box with a 4 pixel rgb(168, 176, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 94);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 164.2600, -34.6382, 3.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 94) }
```

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

```
.background{ background-color: rgb(168,  
176, 94) }
```

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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