

Converting Colors

YUV(152.3310, -35.6592,
4.0947)

Have a look what the booklet for
YUV(152.3310, -35.6592, 4.0947)
contains.

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Color

**YUV(152.3310, -35.6592,
4.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA450
RGB	157, 164, 80
RGB Percent	62%, 64%, 31%
CMY	0.3843, 0.3569, 0.6863
CMYK	0.04, 0.00, 0.51, 0.36
HSL	65°, 34%, 48%
HSV	65°, 51%, 64%
XYZ	28.6281, 34.2982, 12.7008
YIQ	152.3310, 22.7920, -27.6080

Conversions

Conversions Part 2

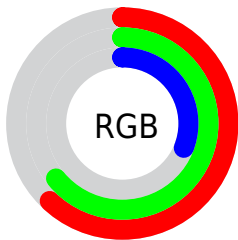
Format	Color
RYB	80, 164, 87
Decimal	10331216
CIELab	65.20, -14.83, 42.28
CIELCh	65, 44.803, 109.333
Yxy	34.2982, 0.3785, 0.4535
Android (android.graphics.Color)	4288521296 (0xFF9DA450)
YUV	152.3310, -35.6592, 4.0947
Hunter-Lab	58.5647, -15.2324, 28.1372

Details

The YUV color **152.3310, -35.6592, 4.0947** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **91.6690, 35.6592, -4.0947**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1740, -37.5538, 5.1094**, and **100.2600, -34.6382, 3.2800** is the 20% darker color. If you saturate the color by 10%, you get **150.2080, -42.5005, 5.0796**, and if you desaturate by 10%, it is **154.4540, -28.8178, 3.1098**.

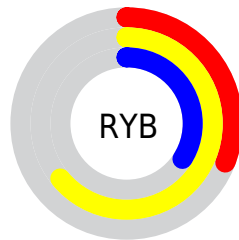
Distribution



Red (62%)

Green (64%)

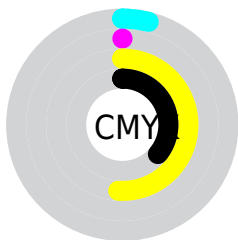
Blue (31%)



Red (31%)

Yellow (64%)

Blue (34%)

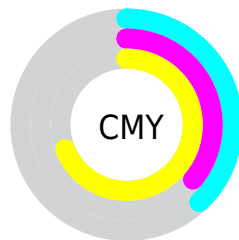


Cyan (4%)

Magenta (0%)

Yellow (51%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3310, -35.6592, 4.0947 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 152.3310, -35.6592, 4.0947 by changing the saturation by 10% instead.

■ 152.3310,
-35.6592, 4.0947

■ 152.3310,
-35.6592, 4.0947

■ 255.0000, 0.0000,
0.0000

■ 126.1460,
-35.0750, 3.3800

■ 207.1740,
-37.5538, 5.1094

■ 100.2600,
-34.6382, 3.2800

■ 235.3590,
-38.1380, 5.8242

■ 75.0920, -36.5274,
2.5503

■ 247.1340,
-30.1391, 6.8985

■ 54.3010, -26.7704,
-0.2640

■ 250.3260,
-17.9087, 4.0991

■ 33.9120, -16.7186,
-4.3078

■ 253.5180, -5.6784,
1.2997

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,

0.0000

■ 152.3310,
-35.6592, 4.0947

■ 152.3310,
-35.6592, 4.0947

■ 150.2080,
-42.5005, 5.0796

■ 154.4540,
-28.8178, 3.1098

■ 147.6720,
-49.6313, 5.5497

■ 156.9900,
-21.6871, 2.6398

■ 145.5490,
-56.4727, 6.5345

■ 159.1130,
-14.8457, 1.6549

■ 143.3120,
-63.7508, 7.6194

■ 161.3500, -7.5675,
0.5701

■ 141.1180,
-69.5712, 7.7895

■ 163.7720, -0.8736,
0.2000

■ 165.8950, 5.9678,
-0.7849

■ 168.4310, 13.0985,
-1.2550

■ 170.5540, 19.9399,
-2.2399

■ 172.7910, 27.2180,
-3.3247

Harmonies

Analogous

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



155.8340, -38.3722, 34.3486



152.3310, -35.6592, 4.0947



146.5960, -20.9998, -31.2177

Triad

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



152.3310, -35.6592, 4.0947



127.5770, 44.5785, -111.8850



161.9590, 5.9362, 56.1640

Complementary

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



152.3310, -35.6592, 4.0947



91.6690, 35.6592, -4.0947

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.



163.0660, 23.6315, 27.1291



152.3310, -35.6592, 4.0947



140.2960, 47.6751, -78.3126

Square

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



152.3310, -35.6592, 4.0947



125.9350, 28.1330, -110.4450



158.0480, 37.4443, -16.7051



159.5030, -12.5730, 66.2109

Rectangle

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



152.3310, -35.6592, 4.0947



139.8340, -5.3412, -60.3674



158.0480, 37.4443, -16.7051



162.2230, 12.2151, 48.9164

Sweetspot

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



152.3310, -35.6592, 4.0947



209.7540, -13.6827, 1.9697



109.2250, -14.4079, 48.0377



104.2360, -8.0043, 0.6700



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



152.3310, -35.6592, 4.0947



195.8910, -55.1623, 6.2346



139.7730, -29.4681, -21.7259



80.6750, -3.7838, 0.2850



124.8820, -61.5668, 7.1195



15.3500, -7.5675, 0.5701

Inverse Universe

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



91.6690, 35.6592, -4.0947



101.8100, 55.3097, -6.8494



104.2270, 29.4681, 21.7259



74.3250, 3.7838, -0.2850



20.1180, 61.5668, -7.1195



2.3510, 7.7150, -1.1848

Previews

White Background



This preview shows how the YUV color 152.3310, -35.6592, 4.0947 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 152.3310, -35.6592, 4.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

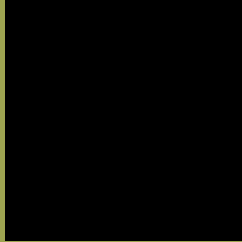
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.3310, -35.6592, 4.0947

Background



This preview shows how black text looks on a background with the YUV color 152.3310, -35.6592, 4.0947.



This preview shows how white text looks on a background with the YUV color 152.3310, -35.6592, 4.0947.

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

152.3310, -35.6592, 4.0947

Protanopia

153.9630, -37.4498, 18.4494

Deuteranopia

156.1050, -36.0408, 33.2339



Tritanopia

159.6570, 3.6201, 5.5628

Trichromacy



Original Color

152.3310, -35.6592, 4.0947

Protanomaly

153.1580, -36.5599, 13.0164

Deuteranomaly

155.0390, -36.0082, 22.7678

Tritanomaly

156.8730, -10.7834, 5.3734

Monochromacy



Original Color

152.3310, -35.6592, 4.0947

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9820, -12.8091, 1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3310, -35.6592, 4.0947 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(157, 164, 80)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 80)  
}
```

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(157, 164, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 80) }
```

Border

The CSS property to change the border of an element to YUV 152.3310, -35.6592, 4.0947 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(157, 164, 80) }
```


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

```
.border{ border-color:rgb(157, 164, 80) }
```

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

Here you see how a box with a 4 pixel rgb(157, 164, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 164, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 164, 80);  
box-shadow:4px 4px 4px 4px rgb(157, 164,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 152.3310, -35.6592, 4.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 80) }
```

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

```
.background{ background-color: rgb(157,  
164, 80) }
```

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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