

Converting Colors

YUV(149.7030, -43.2376,
8.1535)

Have a look what the booklet for
YUV(149.7030, -43.2376, 8.1535)
contains.

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Color

**YUV(149.7030, -43.2376,
8.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA23E
RGB	159, 162, 62
RGB Percent	62%, 64%, 24%
CMY	0.3765, 0.3647, 0.7569
CMYK	0.02, 0.00, 0.62, 0.36
HSL	62°, 45%, 44%
HSV	62°, 62%, 64%
XYZ	28.0879, 33.5594, 9.5546
YIQ	149.7030, 30.3120, -31.7360

Conversions

Conversions Part 2

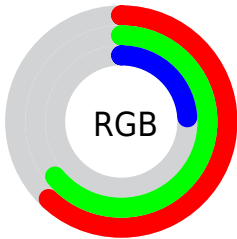
Format	Color
RYB	62, 162, 65
Decimal	10461758
CIELab	64.61, -14.42, 50.11
CIELCh	65, 52.144, 106.056
Yxy	33.5594, 0.3945, 0.4713
Android (android.graphics.Color)	4288651838 (0xFF9FA23E)
YUV	149.7030, -43.2376, 8.1535
Hunter-Lab	57.9305, -14.8316, 30.7724

Details

The YUV color **149.7030, -43.2376, 8.1535** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **74.2970, 43.2376, -8.1535**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9590, -44.8428, 9.6830**, and **96.6660, -47.1633, 7.3089** is the 20% darker color. If you saturate the color by 10%, you get **147.8790, -50.2263, 9.7531**, and if you desaturate by 10%, it is **151.5270, -36.2488, 6.5538**.

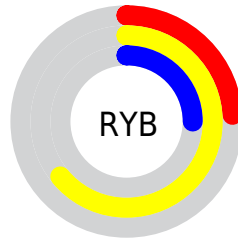
Distribution



Red (62%)

Green (64%)

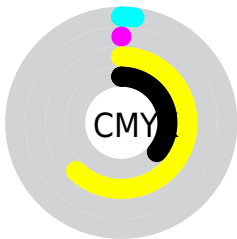
Blue (24%)



Red (24%)

Yellow (64%)

Blue (25%)

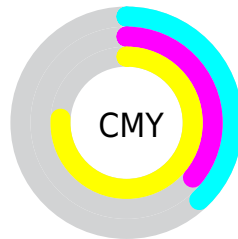


Cyan (2%)

Magenta (0%)

Yellow (62%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7030, -43.2376, 8.1535 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 149.7030, -43.2376, 8.1535 by changing the saturation by 10% instead.

■ 149.7030,
-43.2376, 8.1535

■ 149.7030,
-43.2376, 8.1535

255.0000, 0.0000,
0.0000

■ 123.2900,
-43.5270, 7.6387

■ 204.9590,
-44.8428, 9.6830

■ 96.6660, -47.1633,
7.3089

■ 233.1440,
-45.4270, 10.3977

■ 74.1030, -36.5328,
4.2947

■ 245.0820,
-38.0014, 8.6981

■ 52.8280, -26.0442,
0.1508

■ 248.2740,
-25.7711, 5.8987

■ 32.4390, -15.9924,
-3.8930

■ 251.4660,
-13.5407, 3.0993

■ 12.9140, -6.3666,
-11.3256

254.7720, -0.8736,

■ 0.0000, 0.0000,

0.2000

0.0000

■ 149.7030,
-43.2376, 8.1535

■ 149.7030,
-43.2376, 8.1535

■ 147.8790,
-50.2263, 9.7531

■ 151.5270,
-36.2488, 6.5538

■ 145.7560,
-57.0677, 10.7380

■ 153.6500,
-29.4075, 5.5689

■ 143.8180,
-64.4933, 12.4376

■ 155.5880,
-21.9819, 3.8693

■ 142.0370,
-70.0242, 13.1226

■ 157.7110,
-15.1405, 2.8845

■ 159.5350, -8.1518,
1.2848

■ 161.6580, -1.3104,
0.2999

■ 163.4820, 5.6784,
-1.2997

■ 165.7190, 12.9565,
-2.3846

■ 167.5430, 19.9453,
-3.9842

Harmonies

Analogous

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



153.0970, -43.9248, 42.0109



149.7030, -43.2376, 8.1535



143.3910, -26.8148, -32.7919

Triad

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



149.7030, -43.2376, 8.1535



129.3210, 46.1837, -113.4145



159.4420, 10.1351, 62.7564

Complementary

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



149.7030, -43.2376, 8.1535



74.2970, 43.2376, -8.1535

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.



161.3740, 29.8886, 26.8590



149.7030, -43.2376, 8.1535



126.7740, 59.2714, -111.1808

Square

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



149.7030, -43.2376, 8.1535



126.2940, 26.9701, -110.7598



154.3330, 45.1918, -28.3560



156.7970, -11.7319, 76.4770

Rectangle

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



149.7030, -43.2376, 8.1535



133.3830, -8.0768, -69.6189



154.3330, 45.1918, -28.3560



160.5100, 17.0036, 53.0497

Sweetspot

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



149.7030, -43.2376, 8.1535



206.7280, -17.6139, 2.8695



93.0740, -15.3195, 60.4481



103.8510, -10.7725, 1.8847



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.



149.7030, -43.2376, 8.1535



192.6070, -67.8403, 12.6227



135.0520, -36.0146, -21.9706



80.6750, -3.7838, 0.2850



127.2740, -62.7461, 12.0377



15.6490, -7.7150, 1.1848

Inverse Universe

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



74.2970, 43.2376, -8.1535



74.3930, 67.8403, -12.6227



88.9480, 36.0146, 21.9706



74.3250, 3.7838, -0.2850



17.7260, 62.7461, -12.0377



2.3510, 7.7150, -1.1848

Previews

White Background



This preview shows how the YUV color 149.7030, -43.2376, 8.1535 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 149.7030, -43.2376, 8.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

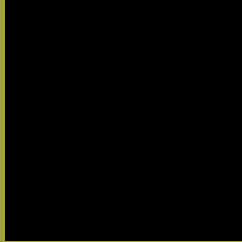
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7030, -43.2376, 8.1535

Background



This preview shows how black text looks on a background with the YUV color 149.7030, -43.2376, 8.1535.



This preview shows how white text looks on a background with the YUV color 149.7030, -43.2376, 8.1535.

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

149.7030, -43.2376, 8.1535

Protanopia

151.4380, -44.5859, 20.6639

Deuteranopia

152.9930, -42.8875, 35.9631



Tritanopia

158.4510, 2.7357, 9.2515

Trichromacy



Original Color

149.7030, -43.2376, 8.1535

Protanomaly

150.8180, -44.2803, 15.9456

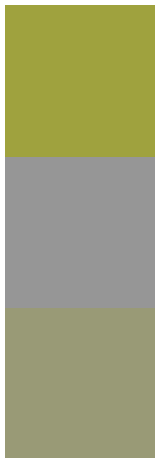
Deuteranomaly

151.9270, -42.8550, 25.4970

Tritanomaly

155.3850, -13.9938, 8.4324

Monochromacy



Original Color

149.7030, -43.2376, 8.1535

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.5970, -15.5773, 2.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7030, -43.2376, 8.1535 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(159, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 62)  
}
```

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(159, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 62) }
```

Border

The CSS property to change the border of an element to YUV 149.7030, -43.2376, 8.1535 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(159, 162, 62) }
```


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

```
.border{ border-color:rgb(159, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 149.7030, -43.2376, 8.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 62) }
```

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

```
.background{ background-color: rgb(159,  
162, 62) }
```

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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