

Converting Colors

YUV(156.4100, -62.3201,
15.4264)

Have a look what the booklet for
YUV(156.4100, -62.3201, 15.4264)
contains.

YUV(156.4100, -62.3201, 15.4264)	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(156.4100, -62.3201,
15.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAC1E
RGB	174, 172, 30
RGB Percent	68%, 67%, 12%
CMY	0.3176, 0.3255, 0.8824
CMYK	0.00, 0.01, 0.83, 0.32
HSL	59°, 71%, 40%
HSV	59°, 83%, 68%
XYZ	32.4424, 38.5975, 6.9685
YIQ	156.4100, 46.7740, -43.7380

Conversions

Conversions Part 2

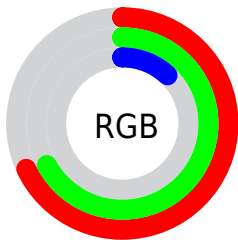
Format	Color
RYB	32, 174, 30
Decimal	11447326
CIELab	68.46, -14.61, 65.62
CIELCh	68, 67.226, 102.556
Yxy	38.5975, 0.4159, 0.4948
Android (android.graphics.Color)	4289637406 (0xFFAEAC1E)
YUV	156.4100, -62.3201, 15.4264
Hunter-Lab	62.1269, -15.5099, 36.8385

Details

The YUV color **156.4100, -62.3201, 15.4264** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **47.5900, 62.3201, -15.4264**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1760, -60.7258, 17.3856**, and **105.4230, -51.9735, 10.1530** is the 20% darker color. If you saturate the color by 10%, you get **154.4720, -69.7457, 17.1261**, and if you desaturate by 10%, it is **158.3480, -54.8946, 13.7268**.

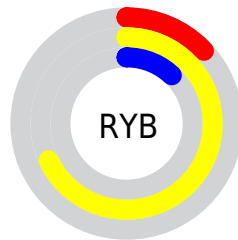
Distribution



Red (68%)

Green (67%)

Blue (12%)



Red (13%)

Yellow (68%)

Blue (12%)

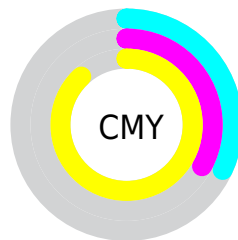


Cyan (0%)

Magenta (1%)

Yellow (83%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.4100, -62.3201, 15.4264 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 156.4100, -62.3201, 15.4264 by changing the saturation by 10% instead.

■ 156.4100,
-62.3201, 15.4264

■ 156.4100,
-62.3201, 15.4264

■ 255.0000, 0.0000,
0.0000

■ 129.0570,
-63.6251, 13.9820

■ 213.1760,
-60.7258, 17.3856

■ 105.4230,
-51.9735, 10.1530

■ 239.2680,
-60.2781, 13.7970

■ 82.9740, -40.9062,
7.0388

■ 242.4600,
-48.0478, 10.9976

■ 61.1010, -30.1228,
1.6654

■ 245.6520,
-35.8174, 8.1982

■ 40.4130, -19.9236,
-2.9932

■ 248.9580,
-23.1503, 5.2988

■ 19.7140, -9.7190,
-9.3962

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 156.4100,
-62.3201, 15.4264

■ 156.4100,
-62.3201, 15.4264

■ 154.4720,
-69.7457, 17.1261

■ 158.3480,
-54.8946, 13.7268

■ 152.9900,
-75.4241, 18.4258

■ 160.4000,
-47.0322, 11.9272

■ 162.9250,
-39.8960, 9.7128

■ 164.9770,
-32.0337, 7.9132

■ 166.9150,
-24.6081, 6.2135

■ 168.8530,
-17.1825, 4.5139

■ 171.4920, -9.6096,
2.1995

■ 173.4300, -2.1840,
0.4999

■ 175.4820, 5.6784,
-1.2997

Harmonies

Analogous

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



161.2980, -58.8139, 57.6207



156.4100, -62.3201, 15.4264



148.9700, -38.4392, -37.6847

Triad

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



156.4100, -62.3201, 15.4264



141.5630, 52.4734, -124.1508



167.1200, 18.6748, 77.0708

Complementary

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



156.4100, -62.3201, 15.4264



47.5900, 62.3201, -15.4264

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.



171.3600, 41.2345, 27.7483



156.4100, -62.3201, 15.4264



137.0780, 58.1355, -120.2174

Square

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



156.4100, -62.3201, 15.4264



136.9400, 27.1446, -120.0964



153.1340, 50.2199, -54.4915



156.6440, -6.2335, 86.2582

Rectangle

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



156.4100, -62.3201, 15.4264



125.0160, -8.3889, -109.6390



153.1340, 50.2199, -54.4915



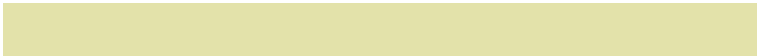
170.1060, 26.5697, 64.8050

Sweetspot

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



156.4100, -62.3201, 15.4264



219.9150, -24.6081, 6.2135



73.2840, -20.3530, 88.3279



110.4230, -14.9985, 4.0140



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.



156.4100, -62.3201, 15.4264



199.5890, -97.4114, 24.0394



136.6540, -52.5804, -28.6376



85.9740, -3.9312, 0.8998



131.7260, -64.9409, 16.0263



20.3780, -10.0464, 2.2995

Inverse Universe

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



47.5900, 62.3201, -15.4264



29.4110, 97.4114, -24.0394



67.3460, 52.5804, 28.6376



79.0260, 3.9312, -0.8998



18.2740, 64.9409, -16.0263



2.6220, 10.0464, -2.2995

Previews

White Background



This preview shows how the YUV color 156.4100, -62.3201, 15.4264 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 156.4100, -62.3201, 15.4264 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 156.4100, -62.3201, 15.4264 Background



This preview shows how black text looks on a background with the YUV color 156.4100, -62.3201, 15.4264.



This preview shows how white text looks on a background with the YUV color 156.4100, -62.3201, 15.4264.

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

156.4100, -62.3201, 15.4264

Protanopia

157.5470, -63.3737, 26.7073

Deuteranopia

159.8680, -60.0809, 43.9658



Tritanopia

168.9570, 1.9932, 14.0697

Trichromacy



Original Color

156.4100, -62.3201, 15.4264

Protanomaly

157.2260, -63.2154, 22.6038

Deuteranomaly

158.5740, -60.9220, 33.6996

Tritanomaly

164.1810, -21.2882, 14.7503

Monochromacy



Original Color

156.4100, -62.3201, 15.4264

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.3710, -22.8609, 5.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.4100, -62.3201, 15.4264 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(174, 172, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 172, 30)  
}
```

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(174, 172, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 172, 30) }
```

Border

The CSS property to change the border of an element to YUV 156.4100, -62.3201, 15.4264 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(174, 172, 30) }
```


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

```
.border{ border-color:rgb(174, 172, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 172, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 172, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 172, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 172,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 156.4100, -62.3201, 15.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 172, 30) }
```

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

```
.background{ background-color: rgb(174,  
172, 30) }
```

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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