

Converting Colors

YUV(157.2150, -63.2100,
20.8594)

Have a look what the booklet for
YUV(157.2150, -63.2100, 20.8594)
contains.

YUV(157.2150, -63.2100, 20.8594)	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(157.2150, -63.2100,
20.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AA1D
RGB	181, 170, 29
RGB Percent	71%, 67%, 11%
CMY	0.2902, 0.3333, 0.8863
CMYK	0.00, 0.06, 0.84, 0.29
HSL	56°, 72%, 41%
HSV	56°, 84%, 71%
XYZ	33.6526, 38.6619, 6.8512
YIQ	157.2150, 51.8170, -41.5190

Conversions

Conversions Part 2

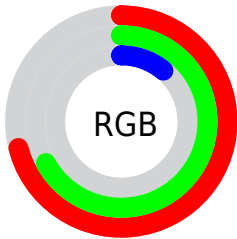
Format	Color
R_YB	41, 181, 29
Decimal	11905565
CIE _{Lab}	68.51, -10.53, 66.15
CIE _{LCh}	69, 66.983, 99.041
Yxy	38.6619, 0.4251, 0.4884
Android (android.graphics.Color)	4290095645 (0xFFB5AA1D)
YUV	157.2150, -63.2100, 20.8594
Hunter-Lab	62.1787, -12.2044, 36.9922

Details

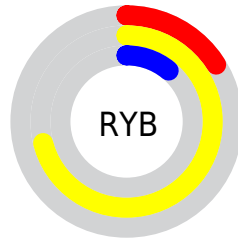
The YUV color **157.2150, -63.2100, 20.8594** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **52.7850, 63.2100, -20.8594**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9810, -61.6156, 22.8187**, and **106.3420, -52.4266, 15.4861** is the 20% darker color. If you saturate the color by 10%, you get **154.5760, -70.7830, 23.1738**, and if you desaturate by 10%, it is **159.8540, -55.6370, 18.5450**.

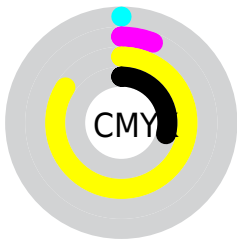
Distribution



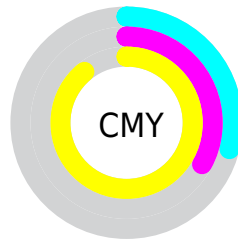
- Red (71%)
- Green (67%)
- Blue (11%)



- Red (16%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (6%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2150, -63.2100, 20.8594 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 157.2150, -63.2100, 20.8594 by changing the saturation by 10% instead.

■ 157.2150,
-63.2100, 20.8594

■ 157.2150,
-63.2100, 20.8594

■ 255.0000, 0.0000,
0.0000

■ 129.9760,
-64.0782, 19.3150

■ 213.9810,
-61.6156, 22.8187

■ 106.3420,
-52.4266, 15.4861

■ 238.6810,
-59.9887, 14.3118

■ 84.1810, -41.5012,
11.2423

■ 242.3460,
-48.4846, 11.0976

■ 61.7210, -30.4285,
6.3837

■ 245.6520,
-35.8174, 8.1982

■ 41.0330, -20.2293,
1.7251

■ 248.8440,
-23.5871, 5.3988

■ 21.8180, -10.7563,
-3.3484

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 157.2150,
-63.2100, 20.8594

■ 157.2150,
-63.2100, 20.8594

■ 154.5760,
-70.7830, 23.1738

■ 159.8540,
-55.6370, 18.5450

■ 152.7350,
-75.2984, 24.7884

■ 163.0800,
-48.3534, 15.7158

■ 165.7190,
-40.7805, 13.4014

■ 168.3580,
-33.2075, 11.0870

■ 171.5840,
-25.9239, 8.2578

■ 174.3370,
-17.9141, 5.8435

■ 176.9760,
-10.3412, 3.5290

■ 179.6150, -2.7682,
1.2146

■ 182.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



161.6020, -56.4988, 61.7390



157.2150, -63.2100, 20.8594



150.3900, -42.0973, -31.0370

Triad

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



157.2150, -63.2100, 20.8594



141.4660, 49.5633, -124.0657



169.3800, 21.0117, 74.2117

Complementary

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



157.2150, -63.2100, 20.8594



52.7850, 63.2100, -20.8594

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.



170.7180, 41.5510, 19.5413



157.2150, -63.2100, 20.8594



137.6650, 57.8462, -120.7322

Square

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



157.2150, -63.2100, 20.8594



136.0280, 23.6502, -119.2966



148.0180, 52.7421, -70.1758



157.4420, -3.1759, 85.5584

Rectangle

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



157.2150, -63.2100, 20.8594



136.4880, -17.4956, -81.9890



148.0180, 52.7421, -70.1758



170.7570, 29.2068, 58.9721

Sweetspot

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



157.2150, -63.2100, 20.8594



225.3390, -24.3241, 8.4727



75.9300, -16.7275, 92.1464



111.8360, -14.7091, 4.5288



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



157.2150, -63.2100, 20.8594



198.2310, -97.7279, 32.2464



144.8350, -57.1067, -23.5343



87.9740, -3.9312, 0.8998



129.1010, -63.6468, 20.9594



21.8620, -10.7780, 3.6290

Inverse Universe

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



52.7850, 63.2100, -20.8594



36.7690, 97.7279, -32.2464



65.1650, 57.1067, 23.5343



81.6130, 3.6418, -1.4146



23.8990, 63.6468, -20.9594



4.1380, 10.7780, -3.6290

Previews

White Background



This preview shows how the YUV color 157.2150, -63.2100, 20.8594 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 157.2150, -63.2100, 20.8594 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 157.2150, -63.2100, 20.8594

Background



This preview shows how black text looks on a background with the YUV color 157.2150, -63.2100, 20.8594.



This preview shows how white text looks on a background with the YUV color 157.2150, -63.2100,

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

157.2150, -63.2100, 20.8594

Protanopia

157.4330, -63.8105, 26.8073

Deuteranopia

159.6400, -60.9545, 44.1657



Tritanopia

169.3490, 0.8139, 18.9879

Trichromacy



Original Color

157.2150, -63.2100, 20.8594

Protanomaly

157.1230, -63.6576, 24.4481

Deuteranomaly

158.3570, -61.8010, 35.6439

Tritanomaly

164.5730, -22.4675, 19.6685

Monochromacy



Original Color

157.2150, -63.2100, 20.8594

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2680, -23.3031, 7.6580

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2150, -63.2100, 20.8594 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(181, 170, 29)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 29)  
}
```

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(181, 170, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 29) }
```

Border

The CSS property to change the border of an element to YUV 157.2150, -63.2100, 20.8594 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(181, 170, 29) }
```


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

```
.border{ border-color:rgb(181, 170, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 29);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 157.2150, -63.2100, 20.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 29) }
```

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

```
.background{ background-color: rgb(181,  
170, 29) }
```

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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