

# Converting Colors

YUV(129.3620, -55.8875,  
52.3025)

Have a look what the booklet for  
YUV(129.3620, -55.8875, 52.3025)  
contains.

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# Color

**YUV(129.3620, -55.8875,  
52.3025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7910
RGB	189, 121, 16
RGB Percent	74%, 47%, 6%
CMY	0.2588, 0.5255, 0.9373
CMYK	0.00, 0.36, 0.92, 0.26
HSL	36°, 84%, 40%
HSV	36°, 92%, 74%
XYZ	27.9172, 24.5310, 3.7538
YIQ	129.3620, 74.2330, -18.2390

# Conversions

## Conversions Part 2

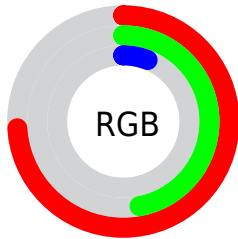
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 189, 16
Decimal	12417296
CIE <sub>Lab</sub>	56.62, 19.37, 60.11
CIE <sub>LCh</sub>	57, 63.149, 72.141
Yxy	24.5310, 0.4967, 0.4365
Android (android.graphics.Color)	4290607376 (0xFFBD7910)
YUV	129.3620, -55.8875, 52.3025
Hunter-Lab	49.5288, 13.9372, 30.1766

# Details

The YUV color **129.3620, -55.8875, 52.3025** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **75.6380, 55.8875, -52.3025**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7370, -54.5933, 57.2357**, and **81.1340, -39.9991, 42.8555** is the 20% darker color. If you saturate the color by 10%, you get **124.0160, -61.1399, 56.9910**, and if you desaturate by 10%, it is **135.6370, -49.6140, 46.7994**.

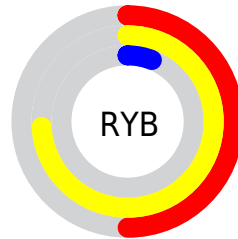
# Distribution



Red (74%)

Green (47%)

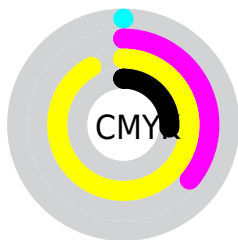
Blue (6%)



Red (50%)

Yellow (74%)

Blue (6%)

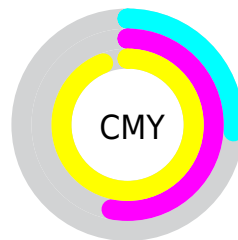


Cyan (0%)

Magenta (36%)

Yellow (92%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.3620, -55.8875, 52.3025 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 129.3620, -55.8875, 52.3025 by changing the saturation by 10% instead.



■ 129.3620,  
-55.8875, 52.3025

■ 129.3620,  
-55.8875, 52.3025

■ 255.0000, 0.0000,  
0.0000

■ 103.8930,  
-51.2192, 48.3288

■ 184.7370,  
-54.5933, 57.2357

■ 81.1340, -39.9991,  
42.8555

■ 205.7460,  
-51.6398, 43.1958

■ 59.5490, -29.3577,  
36.3525

■ 225.2600,  
-47.9492, 26.0820

■ 38.2630, -18.8637,  
30.4643

■ 243.6000,  
-43.6798, 9.9978

■ 18.1620, -8.9539,  
25.2909

■ 246.7920,  
-31.4495, 7.1984

■ 3.5880, -1.7689,  
7.3773

■ 249.9840,

■ 0.0000, 0.0000,

-19.2191, 4.3990

0.0000

■ 253.2900, -6.5520,  
1.4997

■ 129.3620,  
-55.8875, 52.3025

■ 129.3620,  
-55.8875, 52.3025

■ 124.0160,  
-61.1399, 56.9910

■ 135.6370,  
-49.6140, 46.7994

■ 142.4990,  
-43.6300, 40.7814

■ 148.7740,  
-37.3566, 35.2782

■ 155.6360,  
-31.3725, 29.2602

■ 161.9110,  
-25.0991, 23.7571

■ 168.6590,  
-19.5519, 17.8391

■ 174.9340,  
-13.2785, 12.3359

■ 181.2090, -7.0050,  
6.8327

■ 188.0710, -1.0210,  
0.8147

# Harmonies

## Analogous

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



130.6130, -32.8402, 80.1464



129.3620, -55.8875, 52.3025



124.6380, -61.4465, 15.2265

# Triad

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



129.3620, -55.8875, 52.3025



112.4050, 21.9853, -98.5792



139.6430, 38.6300, 23.1151

# Complementary

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



129.3620, -55.8875, 52.3025



75.6380, 55.8875, -52.3025

# 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.



122.9080, 59.6984, -61.3093



129.3620, -55.8875, 52.3025



117.1590, 45.2776, -102.7484

# Square

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



129.3620, -55.8875, 52.3025



104.7330, -2.3334, -91.8508



116.1110, 61.5703, -101.8293



135.7450, 17.3807, 72.1376



# Rectangle

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



129.3620, -55.8875, 52.3025



121.5660, -45.6350, -16.2824



116.1110, 61.5703, -101.8293



137.9330, 45.3890, 1.8128

# Sweetspot

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



129.3620, -55.8875, 52.3025



222.2140, -21.3045, 19.9833



75.5930, 4.6377, 99.4579



108.7490, -12.6943, 11.6211



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



129.3620, -55.8875, 52.3025



160.7180, -79.2340, 73.9153



164.1950, -73.0601, 6.8450



91.2130, -3.0630, 2.4442



103.5940, -51.0718, 47.7141



20.4220, -10.0680, 9.2769



# Inverse Universe

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



75.6380, 55.8875, -52.3025



84.2820, 79.2340, -73.9153



40.8050, 73.0601, -6.8450



88.3740, 2.7736, -2.9590



54.4060, 51.0718, -47.7141



10.5780, 10.0680, -9.2769



# Previews

## White Background



This preview shows how the YUV color 129.3620, -55.8875, 52.3025 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3620, -55.8875, 52.3025 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 × Fail

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

# YUV 129.3620, -55.8875, 52.3025

## Background



This preview shows how black text looks on a background with the YUV color 129.3620, -55.8875, 52.3025.



This preview shows how white text looks on a background with the YUV color 129.3620, -55.8875,



# 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

129.3620, -55.8875, 52.3025

### Protanopia

128.8590, -53.1745, 22.0487

### Deuteranopia

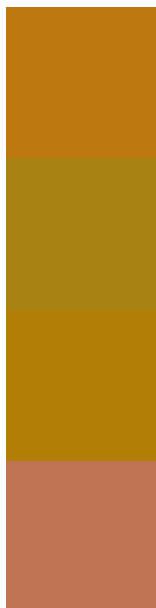
127.1510, -62.6854, 39.3326



## Tritanopia

138.1310, -8.4456, 48.9971

# Trichromacy



## Original Color

129.3620, -55.8875, 52.3025

## Protanomaly

128.9960, -54.2280, 33.3295

## Deuteranomaly

127.8680, -60.0809, 43.9658

## Tritanomaly

134.9620, -25.6173, 50.0223

# Monochromacy



## Original Color

129.3620, -55.8875, 52.3025

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1430, -20.2835, 19.1686

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.3620, -55.8875, 52.3025 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(189, 121, 16)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 16)  
}
```

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(189, 121, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 16) }
```

## Border

The CSS property to change the border of an element to YUV 129.3620, -55.8875, 52.3025 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(189, 121, 16) }
```



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

```
.border{ border-color:rgb(189, 121, 16) }
```

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

Here you see how a box with a 4 pixel rgb(189, 121, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 16);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
16) }
```

# Background

The CSS property to change the background color of an element to YUV 129.3620, -55.8875, 52.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 16) }
```

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

```
.background{ background-color: rgb(189,  
121, 16) }
```

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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