

Converting Colors

YUV(125.9230, -53.6990,
3.5755)

Have a look what the booklet for
YUV(125.9230, -53.6990, 3.5755)
contains.

YUV(125.9230, -53.6990, 3.5755)	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(125.9230, -53.6990,
3.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	829111
RGB	130, 145, 17
RGB Percent	51%, 57%, 7%
CMY	0.4902, 0.4314, 0.9333
CMYK	0.10, 0.00, 0.88, 0.43
HSL	67°, 79%, 32%
HSV	67°, 88%, 57%
XYZ	19.4325, 25.0371, 4.3388
YIQ	125.9230, 32.1480, -42.9880

Conversions

Conversions Part 2

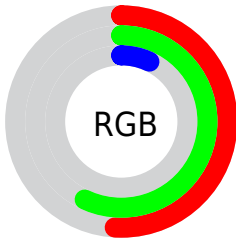
Format	Color
RYB	17, 145, 32
Decimal	8556817
CIELab	57.11, -20.58, 57.74
CIELCh	57, 61.300, 109.617
Yxy	25.0371, 0.3981, 0.5130
Android (android.graphics.Color)	4286746897 (0xFF829111)
YUV	125.9230, -53.6990, 3.5755
Hunter-Lab	50.0371, -18.2423, 29.8849

Details

The YUV color **125.9230, -53.6990, 3.5755** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **36.0770, 53.6990, -3.5755**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2050, -51.3731, 4.2052**, and **78.4890, -38.6951, -2.1829** is the 20% darker color. If you saturate the color by 10%, you get **123.6150, -59.9562, 3.8456**, and if you desaturate by 10%, it is **128.1170, -47.8787, 3.4054**.

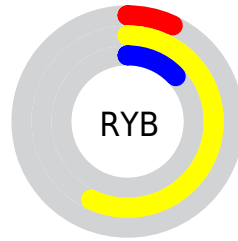
Distribution



Red (51%)

Green (57%)

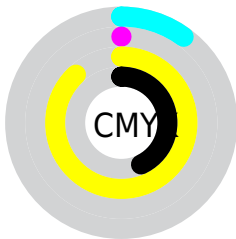
Blue (7%)



Red (7%)

Yellow (57%)

Blue (13%)

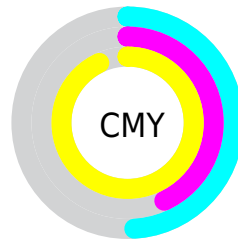


Cyan (10%)

Magenta (0%)

Yellow (88%)

Black (43%)



Cyan (49%)

Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.9230, -53.6990, 3.5755 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 125.9230, -53.6990, 3.5755 by changing the saturation by 10% instead.

■ 125.9230,
-53.6990, 3.5755

■ 125.9230,
-53.6990, 3.5755

■ 255.0000, 0.0000,
0.0000

■ 100.6500,
-49.6204, 2.0610

■ 181.2050,
-51.3731, 4.2052

■ 78.4890, -38.6951,
-2.1829

■ 209.3900,
-51.9573, 4.9200

■ 56.6270, -27.9171,
-5.8119

■ 237.5750,
-52.5415, 5.6347

■ 35.9390, -17.7179,
-10.4705

■ 243.9420,
-42.3694, 9.6979

■ 17.0230, -8.3923,
-14.9292

■ 247.1340,
-30.1391, 6.8985

■ 0.0000, 0.0000,
0.0000

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

125.9230,
-53.6990, 3.5755

125.9230,
-53.6990, 3.5755

123.6150,
-59.9562, 3.8456

128.1170,
-47.8787, 3.4054

123.3870,
-60.8298, 4.0456

130.1260,
-41.4741, 2.5205

132.3200,
-35.6538, 2.3504

134.6280,
-29.3966, 2.0802

136.6370,
-22.9920, 1.1954

■ 138.8310,
-17.1717, 1.0252

■ 141.0250,
-11.3513, 0.8551

■ 143.3330, -5.0942,
0.5850

■ 145.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



130.2530, -57.3127, 42.7511



125.9230, -53.6990, 3.5755



117.2920, -26.7660, -48.4911

Triad

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



125.9230, -53.6990, 3.5755



118.1850, 49.2088, -103.6482



136.0570, 10.8179, 77.1260

Complementary

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



125.9230, -53.6990, 3.5755



36.0770, 53.6990, -3.5755

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.



141.1240, 32.4769, 36.7253



125.9230, -53.6990, 3.5755



115.0510, 62.5859, -100.8997

Square

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



125.9230, -53.6990, 3.5755



114.5880, 27.8111, -100.4937



133.9290, 51.3070, -29.7557



132.5920, -14.0959, 88.0578

Rectangle

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



125.9230, -53.6990, 3.5755



105.0920, -3.4964, -92.1657



133.9290, 51.3070, -29.7557



138.0540, 18.7074, 66.6046

Sweetspot

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



125.9230, -53.6990, 3.5755



181.6200, -20.5187, 1.2103



64.0770, -23.2090, 70.9695



89.7970, -12.2249, 1.0550



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



125.9230, -53.6990, 3.5755



160.8760, -79.3119, 5.3707



106.7870, -44.2650, -35.7702



70.2020, -3.0576, 0.6998



114.8260, -56.6092, 3.6606



6.7890, -3.3470, 0.1850

Inverse Universe

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



36.0770, 53.6990, -3.5755



28.1240, 79.3119, -5.3707



55.2130, 44.2650, 35.7702



65.0970, 2.9102, -0.0851



20.1740, 56.6092, -3.6606



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 125.9230, -53.6990, 3.5755 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 125.9230, -53.6990, 3.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

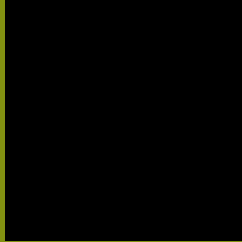
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.9230, -53.6990, 3.5755

Background



This preview shows how black text looks on a background with the YUV color 125.9230, -53.6990, 3.5755.



This preview shows how white text looks on a background with the YUV color 125.9230, -53.6990,

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

125.9230, -53.6990, 3.5755

Protanopia

128.0610, -56.2321, 22.7485

Deuteranopia

131.0440, -50.3077, 35.9184



Tritanopia

137.9340, 3.4835, 2.6889

Trichromacy



Original Color

125.9230, -53.6990, 3.5755

Protanomaly

127.2450, -55.3368, 15.5711

Deuteranomaly

129.0380, -51.2907, 24.5227

Tritanomaly

133.7280, -17.6139, 2.8695

Monochromacy



Original Color

125.9230, -53.6990, 3.5755

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8480, -19.6451, 1.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9230, -53.6990, 3.5755 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(130, 145, 17)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 17)  
}
```

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(130, 145, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 17) }
```

Border

The CSS property to change the border of an element to YUV 125.9230, -53.6990, 3.5755 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(130, 145, 17) }
```


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

```
.border{ border-color:rgb(130, 145, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 17);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 125.9230, -53.6990, 3.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 17) }
```

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

```
.background{ background-color: rgb(130,  
145, 17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor