

Converting Colors

YUV(153.3210, -53.8953,
19.8895)

Have a look what the booklet for
YUV(153.3210, -53.8953, 19.8895)
contains.

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Color

**YUV(153.3210, -53.8953,
19.8895)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A32C
RGB	176, 163, 44
RGB Percent	69%, 64%, 17%
CMY	0.3098, 0.3608, 0.8275
CMYK	0.00, 0.07, 0.75, 0.31
HSL	54°, 60%, 43%
HSV	54°, 75%, 69%
XYZ	31.4563, 35.6063, 7.5977
YIQ	153.3210, 45.9470, -34.2530

Conversions

Conversions Part 2

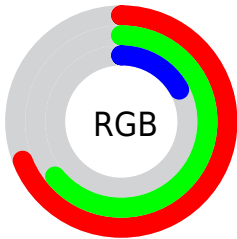
Format	Color
RYB	58, 176, 44
Decimal	11576108
CIELab	66.22, -8.53, 59.42
CIELCh	66, 60.026, 98.173
Yxy	35.6063, 0.4213, 0.4769
Android (android.graphics.Color)	4289766188 (0xFFB0A32C)
YUV	153.3210, -53.8953, 19.8895
Hunter-Lab	59.6710, -10.3259, 34.2206

Details

The YUV color **153.3210, -53.8953, 19.8895** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **66.6790, 53.8953, -19.8895**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5170, -54.4849, 22.3486**, and **101.6240, -50.1006, 16.1158** is the 20% darker color. If you saturate the color by 10%, you get **150.0950, -61.1788, 22.7187**, and if you desaturate by 10%, it is **156.5470, -46.6117, 17.0603**.

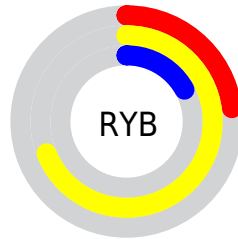
Distribution



Red (69%)

Green (64%)

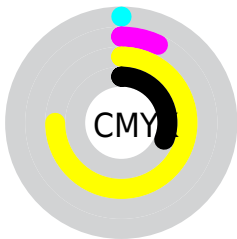
Blue (17%)



Red (23%)

Yellow (69%)

Blue (17%)

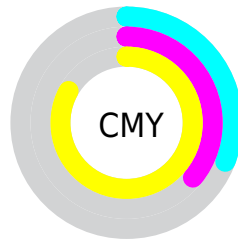


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3210, -53.8953, 19.8895 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 153.3210, -53.8953, 19.8895 by changing the saturation by 10% instead.

■ 153.3210,
-53.8953, 19.8895

■ 153.3210,
-53.8953, 19.8895

■ 255.0000, 0.0000,
0.0000

■ 125.4690,
-58.4052, 19.7597

■ 209.5170,
-54.4849, 22.3486

■ 101.6240,
-50.1006, 16.1158

■ 235.0110,
-53.7424, 17.5304

■ 78.8760, -38.8859,
12.3867

■ 243.3720,
-44.5534, 10.1978

■ 57.3020, -28.2499,
7.6281

■ 246.5640,
-32.3231, 7.3984

■ 37.2010, -18.3401,
2.4547

■ 249.7560,
-20.0927, 4.5990

■ 17.3880, -8.5723,
-3.8483

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 153.3210,
-53.8953, 19.8895

■ 153.3210,
-53.8953, 19.8895

■ 150.0950,
-61.1788, 22.7187

■ 156.5470,
-46.6117, 17.0603

■ 147.5700,
-68.3150, 24.9331

■ 159.0720,
-39.4755, 14.8459

■ 145.9570,
-71.9568, 26.3477

■ 162.2980,
-32.1919, 12.0167

■ 165.4100,
-25.3451, 9.2874

■ 168.6360,
-18.0615, 6.4582

■ 171.2750,
-10.4886, 4.1438

■ 174.3870, -3.6418,
1.4146

■ 177.6130, 3.6418,
-1.4146

■ 180.7250, 10.4886,
-4.1438

Harmonies

Analogous

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



157.2190, -48.9150, 55.9359



153.3210, -53.8953, 19.8895



147.2750, -37.6036, -25.6742

Triad

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



153.3210, -53.8953, 19.8895



134.3590, 45.1790, -117.8328



164.0430, 18.7128, 64.8603

Complementary

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



153.3210, -53.8953, 19.8895



66.6790, 53.8953, -19.8895

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.



164.9410, 39.9621, 15.8377



153.3210, -53.8953, 19.8895



132.9690, 60.1613, -116.6138

Square

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



153.3210, -53.8953, 19.8895



129.7190, 22.3235, -113.7636



147.7850, 52.8570, -60.3244



158.2740, -5.0651, 84.8287

Rectangle

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



153.3210, -53.8953, 19.8895



137.1850, -17.8392, -65.0602



147.7850, 52.8570, -60.3244



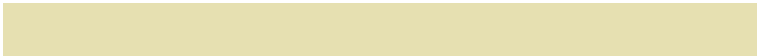
165.0180, 26.6131, 50.8502

Sweetspot

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



153.3210, -53.8953, 19.8895



220.4360, -21.4139, 8.3876



84.9500, -13.7794, 79.8508



109.5910, -13.1094, 4.7437



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.



153.3210, -53.8953, 19.8895



194.0750, -84.3400, 31.5062



145.1050, -49.8448, -19.3861



87.3870, -3.6418, 1.4146



126.7530, -62.4892, 23.0186



21.2750, -10.4886, 4.1438

Inverse Universe

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



66.6790, 53.8953, -19.8895



58.3380, 84.6294, -30.9914



74.8950, 49.8448, 19.3861



81.6130, 3.6418, -1.4146



26.2470, 62.4892, -23.0186



4.7250, 10.4886, -4.1438

Previews

White Background



This preview shows how the YUV color 153.3210, -53.8953, 19.8895 looks on a white background.

Color Contrast Check

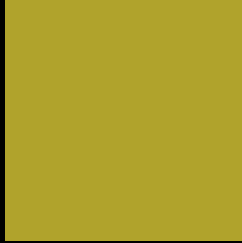
Large Text (above 18pt) WCAG AA × Fail

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 153.3210, -53.8953, 19.8895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

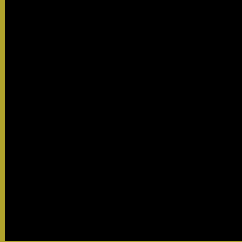
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.3210, -53.8953, 19.8895

Background



This preview shows how black text looks on a background with the YUV color 153.3210, -53.8953, 19.8895.



This preview shows how white text looks on a background with the YUV color 153.3210, -53.8953, 19.8895.

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

153.3210, -53.8953, 19.8895

Protanopia

153.6420, -54.0535, 23.9930

Deuteranopia

155.6810, -53.0867, 40.6218



Tritanopia

163.2350, 0.3771, 19.0879

Trichromacy



Original Color

153.3210, -53.8953, 19.8895

Protanomaly

153.6310, -54.0481, 22.2486

Deuteranomaly

155.2240, -53.3544, 33.1296

Tritanomaly

159.6700, -19.5573, 19.5834

Monochromacy



Original Color

153.3210, -53.8953, 19.8895

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1800, -19.8087, 6.8581

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3210, -53.8953, 19.8895 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(176, 163, 44)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 44)  
}
```

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(176, 163, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 44) }
```

Border

The CSS property to change the border of an element to YUV 153.3210, -53.8953, 19.8895 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(176, 163, 44) }
```


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

```
.border{ border-color:rgb(176, 163, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 44);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 153.3210, -53.8953, 19.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 44) }
```

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

```
.background{ background-color: rgb(176,  
163, 44) }
```

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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