

Converting Colors

YUV(153.5790, -58.4594,
37.2032)

Have a look what the booklet for
YUV(153.5790, -58.4594, 37.2032)
contains.

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Color

**YUV(153.5790, -58.4594,
37.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	C49B23
RGB	196, 155, 35
RGB Percent	77%, 61%, 14%
CMY	0.2314, 0.3922, 0.8627
CMYK	0.00, 0.21, 0.82, 0.23
HSL	45°, 70%, 45%
HSV	45°, 82%, 77%
XYZ	34.7897, 35.2998, 6.5700
YIQ	153.5790, 62.9560, -28.6280

Conversions

Conversions Part 2

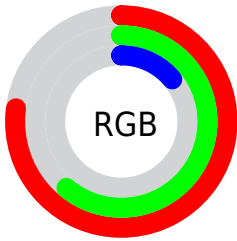
Format	Color
R_{YB}	90, 196, 35
Decimal	12884771
CIE _{Lab}	65.98, 4.29, 62.90
CIE _{LCh}	66, 63.049, 86.094
Yxy	35.2998, 0.4538, 0.4605
Android (android.graphics.Color)	4291074851 (0xFFC49B23)
YUV	153.5790, -58.4594, 37.2032
Hunter-Lab	59.4136, 0.5469, 35.0332

Details

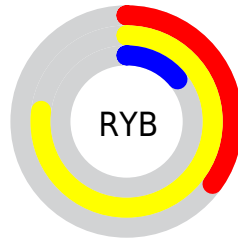
The YUV color **153.5790, -58.4594, 37.2032** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **77.4210, 58.4594, -37.2032**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3020, -58.3229, 40.0771**, and **102.3100, -50.4388, 31.3001** is the 20% darker color. If you saturate the color by 10%, you get **148.3640, -65.7485, 41.7768**, and if you desaturate by 10%, it is **158.7940, -51.1704, 32.6297**.

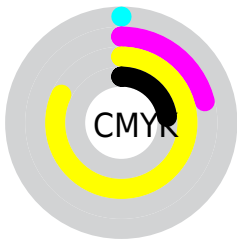
Distribution



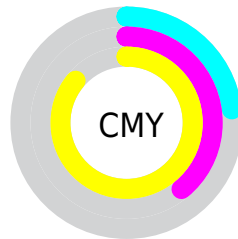
- Red (77%)
- Green (61%)
- Blue (14%)



- Red (35%)
- Yellow (77%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (82%)
- Black (23%)



- Cyan (23%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5790, -58.4594, 37.2032 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 153.5790, -58.4594, 37.2032 by changing the saturation by 10% instead.

■ 153.5790,
-58.4594, 37.2032

■ 153.5790,
-58.4594, 37.2032

■ 255.0000, 0.0000,
0.0000

■ 125.6560,
-61.9484, 36.2587

■ 209.3020,
-58.3229, 40.0771

■ 102.3100,
-50.4388, 31.3001

■ 228.8160,
-54.6323, 22.9634

■ 79.8500, -39.3660,
26.4416

■ 242.5740,
-47.6110, 10.8976

■ 58.5640, -28.8721,
20.5534

■ 245.7660,
-35.3806, 8.0982

■ 38.1640, -18.8149,
14.7652

■ 248.9580,
-23.1503, 5.2988

■ 18.6610, -9.1999,
10.8213

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 153.5790,
-58.4594, 37.2032

■ 153.5790,
-58.4594, 37.2032

■ 148.3640,
-65.7485, 41.7768

■ 158.7940,
-51.1704, 32.6297

■ 144.3060,
-71.1429, 45.3356

■ 163.8950,
-44.3182, 28.1561

■ 169.1100,
-37.0292, 23.5825

■ 174.2110,
-30.1770, 19.1090

■ 179.4260,
-22.8880, 14.5354

■ 184.6410,
-15.5990, 9.9618

■ 189.7420, -8.7468,
5.4883

■ 194.9570, -1.4578,
0.9147

■ 200.0580, 5.3944,
-3.5589

Harmonies

Analogous

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



156.7570, -44.7432, 71.2501



153.5790, -58.4594, 37.2032



148.5950, -49.5933, -6.6608

Triad

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



153.5790, -58.4594, 37.2032



133.5950, 37.1747, -117.1628



164.7020, 29.2339, 50.2503

Complementary

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



153.5790, -58.4594, 37.2032



77.4210, 58.4594, -37.2032

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.



160.1980, 46.7374, -10.6976



153.5790, -58.4594, 37.2032



135.7900, 58.2775, -119.0878

Square

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



153.5790, -58.4594, 37.2032



126.9830, 11.8404, -111.3641



128.2730, 62.4764, -112.4954



158.4340, 5.7020, 84.6884

Rectangle

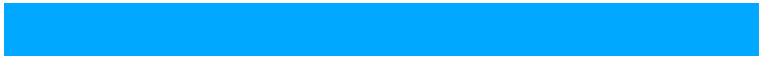
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.5790, -58.4594, 37.2032



142.2560, -32.1712, -41.4435



128.2730, 62.4764, -112.4954



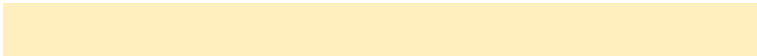
165.1280, 36.4189, 32.3367

Sweetspot

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



153.5790, -58.4594, 37.2032



238.3120, -23.3248, 14.6354



88.0410, -4.9502, 94.6800



117.6840, -14.1412, 9.0471



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.5790, -58.4594, 37.2032



188.7040, -91.5521, 58.1416



166.2840, -64.7230, -7.2651



94.0990, -3.4998, 2.5442



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177

Inverse Universe

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



77.4210, 58.4594, -37.2032



69.2960, 91.5521, -58.1416



64.7160, 64.7230, 7.2651



89.9010, 3.4998, -2.5442



42.4210, 58.4594, -37.2032



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 153.5790, -58.4594, 37.2032 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 153.5790, -58.4594, 37.2032 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 153.5790, -58.4594, 37.2032

Background



This preview shows how black text looks on a background with the YUV color 153.5790, -58.4594, 37.2032.



This preview shows how white text looks on a background with the YUV color 153.5790, -58.4594,

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

153.5790, -58.4594, 37.2032

Protanopia

152.8440, -57.1111, 24.6928

Deuteranopia

153.7260, -58.0389, 42.3363



Tritanopia

163.1940, -4.0396, 35.7869

Trichromacy



Original Color

153.5790, -58.4594, 37.2032

Protanomaly

153.0510, -57.7061, 28.8963

Deuteranomaly

153.7150, -58.0335, 40.5919

Tritanomaly

159.6290, -23.9741, 36.2824

Monochromacy



Original Color

153.5790, -58.4594, 37.2032

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.5830, -20.9934, 13.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5790, -58.4594, 37.2032 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(196, 155, 35)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 35)  
}
```

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(196, 155, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 35) }
```

Border

The CSS property to change the border of an element to YUV 153.5790, -58.4594, 37.2032 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(196, 155, 35) }
```


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

```
.border{ border-color:rgb(196, 155, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 155, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 155, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 155, 35);  
box-shadow:4px 4px 4px 4px rgb(196, 155,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 153.5790, -58.4594, 37.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 35) }
```

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

```
.background{ background-color: rgb(196,  
155, 35) }
```

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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