

Converting Colors

YUV(150.2790, -53.3815,
41.8513)

Have a look what the booklet for
YUV(150.2790, -53.3815, 41.8513)
contains.

YUV(150.2790, -53.3815, 41.8513)	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(150.2790, -53.3815,
41.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	C6932A
RGB	198, 147, 42
RGB Percent	78%, 58%, 16%
CMY	0.2235, 0.4235, 0.8353
CMYK	0.00, 0.26, 0.79, 0.22
HSL	40°, 65%, 47%
HSV	40°, 79%, 78%
XYZ	34.1403, 33.0404, 6.7685
YIQ	150.2790, 64.1010, -21.8430

Conversions

Conversions Part 2

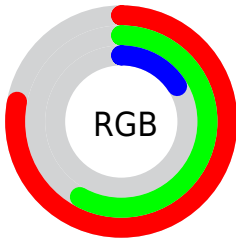
Format	Color
RYB	118, 198, 42
Decimal	13013802
CIELab	64.19, 9.76, 59.04
CIELCh	64, 59.839, 80.611
Yxy	33.0404, 0.4617, 0.4468
Android (android.graphics.Color)	4291203882 (0xFFC6932A)
YUV	150.2790, -53.3815, 41.8513
Hunter-Lab	57.4808, 5.4277, 33.2550

Details

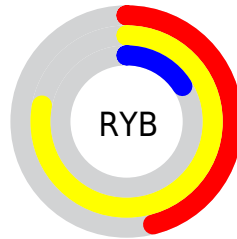
The YUV color **150.2790, -53.3815, 41.8513** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **89.7210, 53.3815, -41.8513**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1760, -53.8238, 43.6956**, and **98.5000, -48.5605, 35.5185** is the 20% darker color. If you saturate the color by 10%, you get **144.4770, -60.3812, 46.9397**, and if you desaturate by 10%, it is **156.0810, -46.3819, 36.7630**.

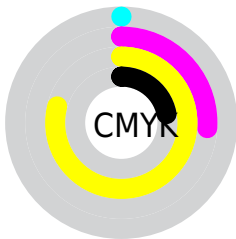
Distribution



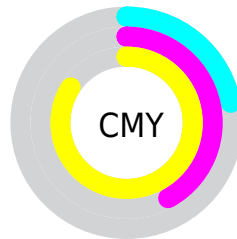
- Red (78%)
- Green (58%)
- Blue (16%)



- Red (46%)
- Yellow (78%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2790, -53.3815, 41.8513 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 150.2790, -53.3815, 41.8513 by changing the saturation by 10% instead.

■ 150.2790,
-53.3815, 41.8513

■ 150.2790,
-53.3815, 41.8513

■ 255.0000, 0.0000,
0.0000

■ 121.9430,
-57.1599, 40.3920

■ 205.1760,
-53.8238, 43.6956

■ 98.5000, -48.5605,
35.5185

■ 224.6900,
-50.1332, 26.5819

■ 76.0400, -37.4877,
30.6599

■ 243.0300,
-45.8638, 10.4977

■ 54.7540, -26.9937,
24.7717

■ 246.1080,
-34.0702, 7.7983

■ 34.6530, -17.0839,
19.5983

■ 249.4140,
-21.4031, 4.8989

■ 13.9760, -6.8902,
16.6840

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 150.2790,
-53.3815, 41.8513

■ 150.2790,
-53.3815, 41.8513

■ 144.4770,
-60.3812, 46.9397

■ 156.0810,
-46.3819, 36.7630

■ 138.0880,
-67.0914, 52.5428

■ 162.4700,
-39.6717, 31.1598

■ 137.2730,
-67.6756, 53.2576

■ 168.1580,
-33.1089, 26.1714

■ 174.5470,
-26.3987, 20.5683

■ 180.3490,
-19.3991, 15.4799

■ 186.7380,
-12.6888, 9.8768

■ 192.5400, -5.6892,
4.7884

■ 198.8150, 0.5842,
-0.7148

■ 204.6170, 7.5838,
-5.8031

Harmonies

Analogous

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



152.6630, -38.7809, 72.2095



150.2790, -53.3815, 41.8513



145.7640, -49.1837, 1.9610

Triad

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



150.2790, -53.3815, 41.8513



128.1350, 31.4854, -112.3744



160.4940, 31.3085, 38.1548

Complementary

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



150.2790, -53.3815, 41.8513



89.7210, 53.3815, -41.8513

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.



153.6200, 49.9803, -24.2227



150.2790, -53.3815, 41.8513



130.9170, 52.2989, -114.8142

Square

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



150.2790, -53.3815, 41.8513



121.1640, 7.3141, -106.2608



127.0990, 63.0552, -111.4658



156.3020, 9.2181, 76.9111

Rectangle

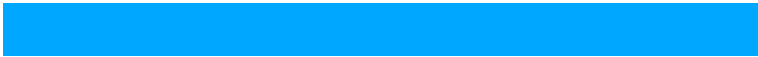
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.2790, -53.3815, 41.8513



141.1220, -35.5561, -29.0480



127.0990, 63.0552, -111.4658



159.8060, 38.0566, 20.3411

Sweetspot

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



150.2790, -53.3815, 41.8513



236.3060, -20.8569, 16.3946



94.5720, -0.2820, 90.7064



116.1510, -12.3994, 10.3916



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.



150.2790, -53.3815, 41.8513



181.0390, -82.8432, 64.8638



172.4420, -64.3079, -0.3876



96.2130, -3.0630, 2.4442



113.3070, -55.8604, 43.5808



24.8520, -12.2520, 9.7768

Inverse Universe

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



89.7210, 53.3815, -41.8513



86.9610, 82.8432, -64.8638



67.5580, 64.3079, 0.3876



92.7870, 3.0630, -2.4442



49.6930, 55.8604, -43.5808



11.1480, 12.2520, -9.7768

Previews

White Background



This preview shows how the YUV color 150.2790, -53.3815, 41.8513 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 150.2790, -53.3815, 41.8513 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 150.2790, -53.3815, 41.8513

Background



This preview shows how black text looks on a background with the YUV color 150.2790, -53.3815, 41.8513.



This preview shows how white text looks on a background with the YUV color 150.2790, -53.3815, 41.8513.

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

150.2790, -53.3815, 41.8513

Protanopia

148.9130, -51.7221, 22.8783

Deuteranopia

150.2680, -53.3761, 40.1070



Tritanopia

158.5860, -5.2189, 40.7051

Trichromacy



Original Color

150.2790, -53.3815, 41.8513

Protanomaly

149.4300, -52.4700, 29.4409

Deuteranomaly

150.5670, -53.5235, 40.7217

Tritanomaly

155.5910, -22.9694, 40.7007

Monochromacy



Original Color

150.2790, -53.3815, 41.8513

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0500, -19.2516, 14.8652

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2790, -53.3815, 41.8513 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(198, 147, 42)` looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 42)  
}
```

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(198, 147, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 42) }
```

Border

The CSS property to change the border of an element to YUV 150.2790, -53.3815, 41.8513 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(198, 147, 42) }
```


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

```
.border{ border-color:rgb(198, 147, 42) }
```

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

Here you see how a box with a 4 pixel rgb(198, 147, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 42);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 150.2790, -53.3815, 41.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 42) }
```

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

```
.background{ background-color: rgb(198,  
147, 42) }
```

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