

Converting Colors

YUV(154.7430, -60.5123,
42.3214)

Have a look what the booklet for
YUV(154.7430, -60.5123, 42.3214)
contains.

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Color

**YUV(154.7430, -60.5123,
42.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9A20
RGB	203, 154, 32
RGB Percent	80%, 60%, 13%
CMY	0.2039, 0.3961, 0.8745
CMYK	0.00, 0.24, 0.84, 0.20
HSL	43°, 73%, 46%
HSV	43°, 84%, 80%
XYZ	36.4449, 35.9120, 6.3774
YIQ	154.7430, 68.3660, -27.5540

Conversions

Conversions Part 2

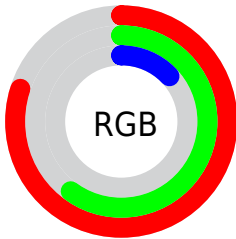
Format	Color
RYB	101, 203, 32
Decimal	13343264
CIELab	66.45, 7.85, 64.49
CIElCh	66, 64.965, 83.061
Yxy	35.9120, 0.4629, 0.4561
Android (android.graphics.Color)	4291533344 (0xFFCB9A20)
YUV	154.7430, -60.5123, 42.3214
Hunter-Lab	59.9266, 3.6848, 35.6390

Details

The YUV color **154.7430, -60.5123, 42.3214** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark muted orange. A complement of this color would be **80.2570, 60.5123, -42.3214**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4870, -58.9071, 40.7919**, and **103.5170, -51.0339, 35.5036** is the 20% darker color. If you saturate the color by 10%, you get **148.9410, -67.5119, 47.4097**, and if you desaturate by 10%, it is **160.5450, -53.5127, 37.2330**.

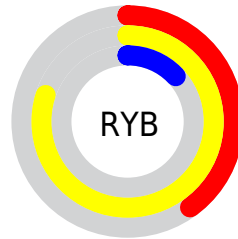
Distribution



Red (80%)

Green (60%)

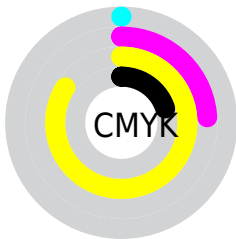
Blue (13%)



Red (40%)

Yellow (80%)

Blue (13%)

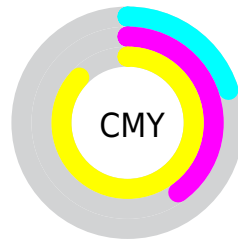


Cyan (0%)

Magenta (24%)

Yellow (84%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7430, -60.5123, 42.3214 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 154.7430, -60.5123, 42.3214 by changing the saturation by 10% instead.

■ 154.7430,
-60.5123, 42.3214

■ 154.7430,
-60.5123, 42.3214

■ 255.0000, 0.0000,
0.0000

■ 126.8630,
-62.5435, 40.4621

■ 208.4870,
-58.9071, 40.7919

■ 103.5170,
-51.0339, 35.5036

■ 228.1150,
-54.7797, 23.5781

■ 81.0570, -39.9611,
30.6450

■ 242.3460,
-48.4846, 11.0976

■ 59.4720, -29.3197,
24.1421

■ 245.5380,
-36.2542, 8.2982

■ 39.0720, -19.2625,
18.3539

■ 248.7300,
-24.0239, 5.4988

■ 19.5690, -9.6475,
14.4100

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 154.7430,
-60.5123, 42.3214

■ 154.7430,
-60.5123, 42.3214

■ 148.9410,
-67.5119, 47.4097

■ 160.5450,
-53.5127, 37.2330

■ 145.8120,
-71.8853, 50.1539

■ 166.4610,
-46.0763, 32.0447

■ 171.6760,
-38.7873, 27.4711

■ 177.4780,
-31.7877, 22.3828

■ 183.3940,
-24.3512, 17.1945

■ 189.1960,
-17.3516, 12.1061

■ 194.9980,
-10.3520, 7.0178

■ 200.8000, -3.3524,
1.9294

■ 206.1290, 4.3734,
-2.7441

Harmonies

Analogous

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



157.9040, -44.3227, 76.3832



154.7430, -60.5123, 42.3214



149.8900, -53.6828, -1.6575

Triad

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



154.7430, -60.5123, 42.3214



134.4270, 35.2855, -117.8925



166.0050, 33.0285, 46.4766

Complementary

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



154.7430, -60.5123, 42.3214



80.2570, 60.5123, -42.3214

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.



159.2570, 47.2013, -19.5194



154.7430, -60.5123, 42.3214



136.9640, 57.6987, -120.1174

Square

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



154.7430, -60.5123, 42.3214



127.5870, 9.0776, -111.8938



130.0340, 61.6082, -114.0398



159.3460, 9.1964, 83.8886

Rectangle

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



154.7430, -60.5123, 42.3214



144.1380, -36.5500, -36.9550



130.0340, 61.6082, -114.0398



166.4200, 40.2189, 26.8187

Sweetspot

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



154.7430, -60.5123, 42.3214



237.1380, -22.7460, 15.6650



88.9430, -2.9299, 100.0280



117.0970, -13.8518, 9.5619



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.



154.7430, -60.5123, 42.3214



183.0790, -90.2579, 63.0747



173.3400, -69.6806, -3.8062



99.0990, -3.4998, 2.5442



118.9000, -58.6177, 41.3067



27.2110, -13.4150, 9.4620

Inverse Universe

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



80.2570, 60.5123, -42.3214



71.9210, 90.2579, -63.0747



61.6600, 69.6806, 3.8062



94.9010, 3.4998, -2.5442



46.5130, 58.9071, -40.7919



10.7890, 13.4150, -9.4620

Previews

White Background



This preview shows how the YUV color 154.7430, -60.5123, 42.3214 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 154.7430, -60.5123, 42.3214 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 154.7430, -60.5123, 42.3214

Background



This preview shows how black text looks on a background with the YUV color 154.7430, -60.5123, 42.3214.



This preview shows how white text looks on a background with the YUV color 154.7430, -60.5123, 42.3214.

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

154.7430, -60.5123, 42.3214

Protanopia

153.3880, -58.8583, 25.0927

Deuteranopia

155.0420, -60.6597, 42.9362



Tritanopia

164.2870, -5.0715, 40.0903

Trichromacy



Original Color

154.7430, -60.5123, 42.3214

Protanomaly

153.9050, -59.6062, 31.6553

Deuteranomaly

155.0420, -60.6597, 42.9362

Tritanomaly

160.7220, -25.0059, 40.5858

Monochromacy



Original Color

154.7430, -60.5123, 42.3214

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9530, -22.1618, 14.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7430, -60.5123, 42.3214 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(203, 154, 32)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 32)  
}
```

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(203, 154, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 32) }
```

Border

The CSS property to change the border of an element to YUV 154.7430, -60.5123, 42.3214 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(203, 154, 32) }
```


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

```
.border{ border-color:rgb(203, 154, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 32);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 154.7430, -60.5123, 42.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 32) }
```

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

```
.background{ background-color: rgb(203,  
154, 32) }
```

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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