

Converting Colors

YUV(147.7430, -57.0613,
55.4764)

Have a look what the booklet for
YUV(147.7430, -57.0613, 55.4764)
contains.

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Color

**YUV(147.7430, -57.0613,
55.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	D38A20
RGB	211, 138, 32
RGB Percent	83%, 54%, 13%
CMY	0.1725, 0.4588, 0.8745
CMYK	0.00, 0.35, 0.85, 0.17
HSL	36°, 74%, 48%
HSV	36°, 85%, 83%
XYZ	36.2132, 32.1301, 5.6596
YIQ	147.7430, 77.5340, -17.4900

Conversions

Conversions Part 2

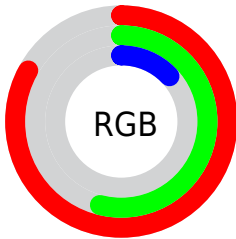
Format	Color
RYB	155, 211, 32
Decimal	13863456
CIELab	63.45, 20.02, 62.34
CIElCh	63, 65.478, 72.199
Yxy	32.1301, 0.4893, 0.4342
Android (android.graphics.Color)	4292053536 (0xFFD38A20)
YUV	147.7430, -57.0613, 55.4764
Hunter-Lab	56.6834, 14.8417, 33.7586

Details

The YUV color **147.7430, -57.0613, 55.4764** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **95.2570, 57.0613, -55.4764**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3940, -54.4242, 49.6435**, and **96.8050, -47.7249, 47.5290** is the 20% darker color. If you saturate the color by 10%, you get **140.0660, -63.6295, 62.2091**, and if you desaturate by 10%, it is **155.4200, -50.4931, 48.7437**.

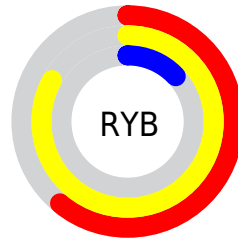
Distribution



Red (83%)

Green (54%)

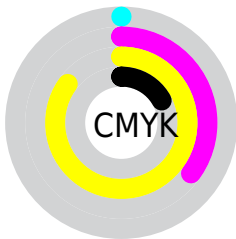
Blue (13%)



Red (61%)

Yellow (83%)

Blue (13%)

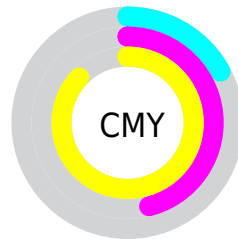


Cyan (0%)

Magenta (35%)

Yellow (85%)

Black (17%)



Cyan (17%)

Magenta (46%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7430, -57.0613, 55.4764 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 147.7430, -57.0613, 55.4764 by changing the saturation by 10% instead.

■ 147.7430,
-57.0613, 55.4764

■ 147.7430,
-57.0613, 55.4764

■ 255.0000, 0.0000,
0.0000

■ 120.4500,
-59.3819, 53.1023

■ 198.3940,
-54.4242, 49.6435

■ 96.8050, -47.7249,
47.5290

■ 217.7940,
-51.1704, 32.6297

■ 74.0460, -36.5047,
42.0557

■ 237.8950,
-47.7692, 15.0011

■ 52.4610, -25.8633,
35.5527

■ 245.1960,
-37.5646, 8.5981

■ 31.7620, -15.6587,
29.1497

■ 248.3880,
-25.3343, 5.7987

■ 12.2590, -6.0437,
25.2059

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 147.7430,
-57.0613, 55.4764

■ 147.7430,
-57.0613, 55.4764

■ 140.0660,
-63.6295, 62.2091

■ 155.4200,
-50.4931, 48.7437

■ 136.4640,
-67.2768, 65.3681

■ 162.5100,
-43.6354, 42.5257

■ 170.1870,
-37.0672, 35.7930

■ 177.2770,
-30.2096, 29.5751

■ 185.0680,
-23.2045, 22.7424

■ 192.7450,
-16.6363, 16.0096

■ 199.8350, -9.7787,
9.7917

■ 207.5120, -3.2104,
3.0590

■ 214.6020, 3.6472,
-3.1590

Harmonies

Analogous

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



149.3640, -35.1825, 84.7498



147.7430, -57.0613, 55.4764



142.8230, -62.0307, 15.9412

Triad

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



147.7430, -57.0613, 55.4764



126.4250, 24.9335, -110.8747



157.9360, 40.9506, 25.4891

Complementary

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



147.7430, -57.0613, 55.4764



95.2570, 57.0613, -55.4764

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.



140.7190, 56.3405, -57.6356



147.7430, -57.0613, 55.4764



131.4070, 49.0993, -115.2439

Square

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



147.7430, -57.0613, 55.4764



118.2970, -1.1324, -103.7465



128.8600, 62.1870, -113.0102



154.2940, 18.0961, 76.0412

Rectangle

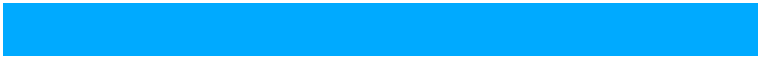
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.7430, -57.0613, 55.4764



139.5120, -47.0874, -17.1120



128.8600, 62.1870, -113.0102



156.2150, 47.7150, 2.4424

Sweetspot

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



147.7430, -57.0613, 55.4764



232.4420, -20.4309, 19.7834



94.0710, 6.3740, 102.5467



114.1620, -12.4049, 12.1359



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.



147.7430, -57.0613, 55.4764



164.8820, -81.2868, 79.0335



186.1090, -75.9757, 8.6744



100.8110, -3.3578, 3.6738



108.9320, -53.7035, 51.8026



26.3470, -12.9891, 12.8507

Inverse Universe

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



95.2570, 57.0613, -55.4764



90.1180, 81.2868, -79.0335



56.8910, 75.9757, -8.6744



97.6020, 3.6472, -3.1590



59.6550, 53.4141, -52.3174



14.6530, 12.9891, -12.8507

Previews

White Background



This preview shows how the YUV color 147.7430, -57.0613, 55.4764 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 147.7430, -57.0613, 55.4764 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 147.7430, -57.0613, 55.4764

Background



This preview shows how black text looks on a background with the YUV color 147.7430, -57.0613, 55.4764.



This preview shows how white text looks on a background with the YUV color 147.7430, -57.0613, 55.4764.

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

147.7430, -57.0613, 55.4764

Protanopia

146.2290, -54.3429, 23.4782

Deuteranopia

146.7860, -59.0545, 41.4067



Tritanopia

156.0390, -8.8932, 52.5858

Trichromacy



Original Color

147.7430, -57.0613, 55.4764

Protanomaly

146.7790, -55.1070, 35.2738

Deuteranomaly

147.0470, -58.1972, 46.4398

Tritanomaly

152.7560, -26.5017, 53.7110

Monochromacy



Original Color

147.7430, -57.0613, 55.4764

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.7410, -20.5783, 20.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7430, -57.0613, 55.4764 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(211, 138, 32)` looks like.

```
.text, #text, p{  
    color:rgb(211, 138, 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(211, 138, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 138, 32) }
```

Border

The CSS property to change the border of an element to YUV 147.7430, -57.0613, 55.4764 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(211, 138, 32) }
```


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

```
.border{ border-color:rgb(211, 138, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 138, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 138, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 138, 32);  
box-shadow:4px 4px 4px 4px rgb(211, 138,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 147.7430, -57.0613, 55.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 138, 32) }
```

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

```
.background{ background-color: rgb(211,  
138, 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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