

Converting Colors

YUV(147.1880, -55.3087,
53.3321)

Have a look what the booklet for
YUV(147.1880, -55.3087, 53.3321)
contains.

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Color

**YUV(147.1880, -55.3087,
53.3321)**

Conversions

Conversions Part 1

Format	Color
Hex	D08A23
RGB	208, 138, 35
RGB Percent	82%, 54%, 14%
CMY	0.1843, 0.4588, 0.8627
CMYK	0.00, 0.34, 0.83, 0.18
HSL	36°, 71%, 48%
HSV	36°, 83%, 82%
XYZ	35.4043, 31.7082, 5.8444
YIQ	147.1880, 74.7830, -17.1930

Conversions

Conversions Part 2

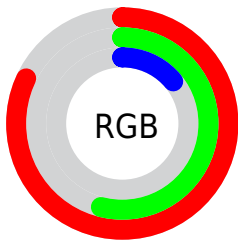
Format	Color
RYB	153, 208, 35
Decimal	13666851
CIELab	63.10, 18.80, 60.94
CIElCh	63, 63.773, 72.851
Yxy	31.7082, 0.4853, 0.4346
Android (android.graphics.Color)	4291856931 (0xFFD08A23)
YUV	147.1880, -55.3087, 53.3321
Hunter-Lab	56.3100, 13.6872, 33.2633

Details

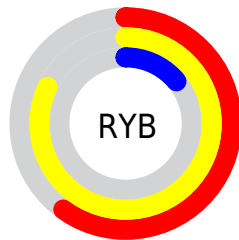
The YUV color **147.1880, -55.3087, 53.3321** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **95.8120, 55.3087, -53.3321**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6220, -53.5506, 49.4435**, and **95.9080, -47.2826, 45.6847** is the 20% darker color. If you saturate the color by 10%, you get **140.0980, -62.1663, 59.5501**, and if you desaturate by 10%, it is **154.2780, -48.4511, 47.1142**.

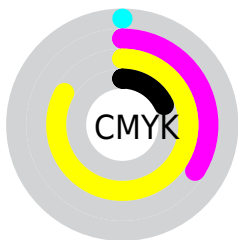
Distribution



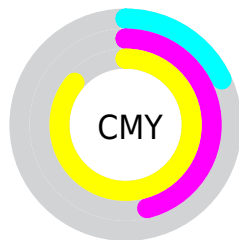
- Red (82%)
- Green (54%)
- Blue (14%)



- Red (60%)
- Yellow (82%)
- Blue (14%)



- Cyan (0%)
- Magenta (34%)
- Yellow (83%)
- Black (18%)



- Cyan (18%)
- Magenta (46%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1880, -55.3087, 53.3321 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 147.1880, -55.3087, 53.3321 by changing the saturation by 10% instead.

■ 147.1880,
-55.3087, 53.3321

■ 147.1880,
-55.3087, 53.3321

■ 255.0000, 0.0000,
0.0000

■ 119.5530,
-58.9396, 51.2580

■ 198.6220,
-53.5506, 49.4435

■ 95.9080, -47.2826,
45.6847

■ 218.0220,
-50.2968, 32.4297

■ 73.7360, -36.3518,
39.6965

■ 238.1230,
-46.8956, 14.8011

■ 51.5640, -25.4211,
33.7084

■ 245.4240,
-36.6910, 8.3982

■ 31.1640, -15.3639,
27.9202

■ 248.6160,
-24.4607, 5.5988

■ 11.6610, -5.7489,
23.9763

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 147.1880,
-55.3087, 53.3321

■ 147.1880,
-55.3087, 53.3321

■ 140.0980,
-62.1663, 59.5501

■ 154.2780,
-48.4511, 47.1142

■ 134.9800,
-66.5451, 64.0385

■ 161.9550,
-41.8828, 40.3815

■ 168.9310,
-35.4620, 34.2635

■ 176.6080,
-28.8937, 27.5308

■ 183.6980,
-22.0361, 21.3129

■ 190.7880,
-15.1785, 15.0949

■ 198.4650, -8.6102,
8.3622

■ 205.4410, -2.1894,
2.2442

■ 213.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



149.0540, -35.0296, 82.3906



147.1880, -55.3087, 53.3321



143.0230, -58.6783, 14.0118

Triad

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



147.1880, -55.3087, 53.3321



125.7240, 24.7861, -110.2599



157.4800, 39.2034, 25.8890

Complementary

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



147.1880, -55.3087, 53.3321



95.8120, 55.3087, -53.3321

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.



142.2250, 55.5981, -52.8173



147.1880, -55.3087, 53.3321



130.0050, 48.8045, -114.0144

Square

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



147.1880, -55.3087, 53.3321



117.2370, -0.1168, -102.8168



127.6860, 62.7658, -111.9806



153.6420, 16.9385, 73.9820

Rectangle

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



147.1880, -55.3087, 53.3321



138.7830, -44.7560, -18.2267



127.6860, 62.7658, -111.9806



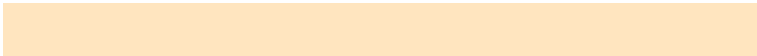
155.4710, 46.1098, 3.9719

Sweetspot

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



147.1880, -55.3087, 53.3321



232.4420, -20.4309, 19.7834



94.9350, 5.9480, 99.1580



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.



147.1880, -55.3087, 53.3321



165.4690, -81.5762, 78.5187



184.0920, -73.5024, 8.6893



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.



95.8120, 55.3087, -53.3321



89.5310, 81.5762, -78.5187



58.9080, 73.5024, -8.6893



97.6020, 3.6472, -3.1590



59.0680, 53.7035, -51.8026



14.6530, 12.9891, -12.8507

Previews

White Background



This preview shows how the YUV color 147.1880, -55.3087, 53.3321 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 147.1880, -55.3087, 53.3321 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 147.1880, -55.3087, 53.3321 Background



This preview shows how black text looks on a background with the YUV color 147.1880, -55.3087, 53.3321.



This preview shows how white text looks on a background with the YUV color 147.1880, -55.3087, 53.3321.

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

147.1880, -55.3087, 53.3321

Protanopia

145.6850, -52.5957, 23.0783

Deuteranopia

146.3560, -56.8705, 40.9068



Tritanopia

155.4410, -8.5984, 51.3562

Trichromacy



Original Color

147.1880, -55.3087, 53.3321

Protanomaly

146.5230, -53.5018, 33.7443

Deuteranomaly

146.2040, -56.3026, 45.4251

Tritanomaly

152.3860, -25.3333, 52.2815

Monochromacy



Original Color

147.1880, -55.3087, 53.3321

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1430, -20.2835, 19.1686

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1880, -55.3087, 53.3321 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(208, 138, 35)` looks like.

```
.text, #text, p{  
    color:rgb(208, 138, 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(208, 138, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 138, 35) }
```

Border

The CSS property to change the border of an element to YUV 147.1880, -55.3087, 53.3321 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(208, 138, 35) }
```


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

```
.border{ border-color:rgb(208, 138, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 138, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 138, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 138, 35);  
box-shadow:4px 4px 4px 4px rgb(208, 138,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 147.1880, -55.3087, 53.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 138, 35) }
```

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

```
.background{ background-color: rgb(208,  
138, 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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