

Converting Colors

YUV(163.3840, -59.3493,
42.6362)

Have a look what the booklet for
YUV(163.3840, -59.3493, 42.6362)
contains.

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Color

**YUV(163.3840, -59.3493,
42.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A22B
RGB	212, 162, 43
RGB Percent	83%, 64%, 17%
CMY	0.1686, 0.3647, 0.8314
CMYK	0.00, 0.24, 0.80, 0.17
HSL	42°, 66%, 50%
HSV	42°, 80%, 83%
XYZ	40.5078, 40.0121, 7.8736
YIQ	163.3840, 67.9990, -26.4090

Conversions

Conversions Part 2

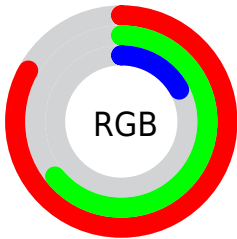
Format	Color
R _Y B	114, 212, 43
Decimal	13935147
CIE Lab	69.48, 7.83, 64.05
CIE LCh	69, 64.530, 83.028
Yxy	40.0121, 0.4583, 0.4527
Android (android.graphics.Color)	4292125227 (0xFFD4A22B)
YUV	163.3840, -59.3493, 42.6362
Hunter-Lab	63.2551, 3.6125, 36.8985

Details

The YUV color **163.3840, -59.3493, 42.6362** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **91.6160, 59.3493, -42.6362**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9100, -57.1436, 35.1589**, and **110.9040, -54.6757, 36.9182** is the 20% darker color. If you saturate the color by 10%, you get **157.4680, -66.7857, 47.8246**, and if you desaturate by 10%, it is **169.3000, -51.9129, 37.4479**.

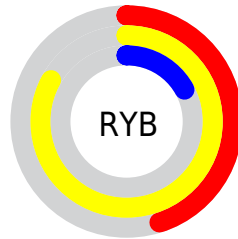
Distribution



Red (83%)

Green (64%)

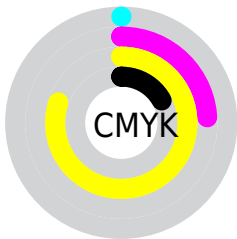
Blue (17%)



Red (45%)

Yellow (83%)

Blue (17%)

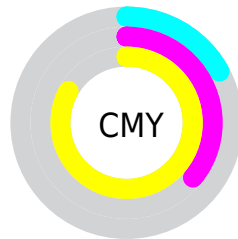


Cyan (0%)

Magenta (24%)

Yellow (80%)

Black (17%)



Cyan (17%)

Magenta (36%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3840, -59.3493, 42.6362 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 163.3840, -59.3493, 42.6362 by changing the saturation by 10% instead.

■ 163.3840,
-59.3493, 42.6362

■ 163.3840,
-59.3493, 42.6362

■ 255.0000, 0.0000,
0.0000

■ 134.5920,
-64.8749, 41.5768

■ 214.9100,
-57.1436, 35.1589

■ 110.9040,
-54.6757, 36.9182

■ 234.4240,
-53.4530, 18.0452

■ 88.1450, -43.4555,
31.4448

■ 243.3720,
-44.5534, 10.1978

■ 66.2720, -32.6721,
26.0715

■ 246.5640,
-32.3231, 7.3984

■ 44.9860, -22.1781,
20.1833

■ 249.8700,
-19.6559, 4.4990

■ 25.7710, -12.7051,
15.1098

■ 253.1760, -6.9888,

■ 4.1860, -2.0637,

1.5996

8.6069

■ 0.0000, 0.0000,
0.0000

■ 163.3840,
-59.3493, 42.6362

■ 163.3840,
-59.3493, 42.6362

■ 157.4680,
-66.7857, 47.8246

■ 169.3000,
-51.9129, 37.4479

■ 150.9650,
-73.9327, 53.5277

■ 175.8030,
-44.7659, 31.7448

■ 150.8510,
-74.3695, 53.6277

■ 181.8330,
-36.8927, 26.4565

■ 187.7490,
-29.4563, 21.2681

■ 193.6650,
-22.0198, 16.0798

■ 200.1680,
-14.8728, 10.3767

■ 206.0840, -7.4364,
5.1883

■ 212.1140, 0.4368,
-0.1000

■ 218.0300, 7.8732,
-5.2883

Harmonies

Analogous

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



166.3170, -44.0333, 76.8980



163.3840, -59.3493, 42.6362



158.1180, -52.8092, -1.8575

Triad

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



163.3840, -59.3493, 42.6362



140.6220, 36.1754, -123.3255



174.8910, 32.5917, 46.5766

Complementary

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



163.3840, -59.3493, 42.6362



91.6160, 59.3493, -42.6362

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.



166.6440, 43.5595, -18.1048



163.3840, -59.3493, 42.6362



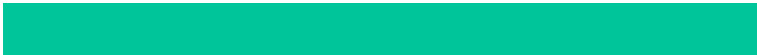
142.3610, 55.5310, -124.8506

Square

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



163.3840, -59.3493, 42.6362



133.1950, 10.2569, -116.8120



134.7300, 59.2931, -118.1582



165.5410, 10.0863, 78.4555

Rectangle

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



163.3840, -59.3493, 42.6362



152.5510, -36.2606, -36.4402



134.7300, 59.2931, -118.1582



174.6050, 39.6347, 27.5334

Sweetspot

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



163.3840, -59.3493, 42.6362



237.4800, -21.4356, 15.3650



99.3450, -2.6351, 98.7984



117.3250, -12.9782, 9.3620



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.



163.3840, -59.3493, 42.6362



184.8060, -86.1794, 61.5601



182.5680, -68.8070, -4.0061



103.9850, -3.9366, 2.6442



121.5690, -59.9335, 43.3510



31.0540, -15.3096, 10.4766

Inverse Universe

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



91.6160, 59.3493, -42.6362



80.7810, 85.8900, -62.0749



72.4320, 68.8070, 4.0061



99.6020, 3.6472, -3.1590



49.4310, 59.9335, -43.3510



12.5330, 15.0202, -10.9914

Previews

White Background



This preview shows how the YUV color 163.3840, -59.3493, 42.6362 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 163.3840, -59.3493, 42.6362 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 163.3840, -59.3493, 42.6362

Background



This preview shows how black text looks on a background with the YUV color 163.3840, -59.3493, 42.6362.



This preview shows how white text looks on a background with the YUV color 163.3840, -59.3493, 42.6362.

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

163.3840, -59.3493, 42.6362

Protanopia

162.0290, -57.6953, 25.4076

Deuteranopia

163.3950, -59.3547, 44.3806



Tritanopia

172.9990, -4.9295, 41.2199

Trichromacy



Original Color

163.3840, -59.3493, 42.6362

Protanomaly

162.5460, -58.4432, 31.9702

Deuteranomaly

163.0960, -59.2073, 43.7658

Tritanomaly

169.4340, -24.8640, 41.7154

Monochromacy



Original Color

163.3840, -59.3493, 42.6362

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.3660, -21.8724, 15.4650

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3840, -59.3493, 42.6362 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(212, 162, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 43)  
}
```

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(212, 162, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 43) }
```

Border

The CSS property to change the border of an element to YUV 163.3840, -59.3493, 42.6362 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(212, 162, 43) }
```


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

```
.border{ border-color:rgb(212, 162, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 162, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 162, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 162, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 162,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 163.3840, -59.3493, 42.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 43) }
```

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

```
.background{ background-color: rgb(212,  
162, 43) }
```

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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