

Converting Colors

YUV(168.2360, -54.8393,
42.7660)

Have a look what the booklet for
YUV(168.2360, -54.8393, 42.7660)
contains.

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Color

**YUV(168.2360, -54.8393,
42.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A539
RGB	217, 165, 57
RGB Percent	85%, 65%, 22%
CMY	0.1490, 0.3529, 0.7765
CMYK	0.00, 0.24, 0.74, 0.15
HSL	40°, 68%, 54%
HSV	40°, 74%, 85%
XYZ	42.8089, 41.9574, 9.7132
YIQ	168.2360, 65.6600, -22.5640

Conversions

Conversions Part 2

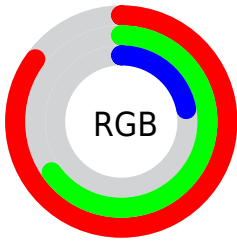
Format	Color
RYB	134, 217, 57
Decimal	14263609
CIELab	70.84, 8.95, 60.36
CIELCh	71, 61.022, 81.566
Yxy	41.9574, 0.4531, 0.4441
Android (android.graphics.Color)	4292453689 (0xFFD9A539)
YUV	168.2360, -54.8393, 42.7660
Hunter-Lab	64.7745, 4.6137, 36.4514

Details

The YUV color **168.2360, -54.8393, 42.7660** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **105.7640, 54.8393, -42.7660**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0390, -52.7702, 32.4148**, and **113.5730, -55.9915, 38.9625** is the 20% darker color. If you saturate the color by 10%, you get **161.6190, -62.4232, 48.5691**, and if you desaturate by 10%, it is **174.8530, -47.2555, 36.9629**.

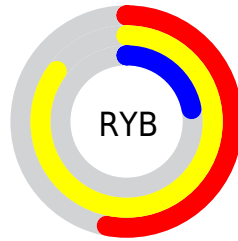
Distribution



Red (85%)

Green (65%)

Blue (22%)



Red (53%)

Yellow (85%)

Blue (22%)

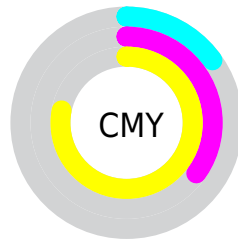


Cyan (0%)

Magenta (24%)

Yellow (74%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2360, -54.8393, 42.7660 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 168.2360, -54.8393, 42.7660 by changing the saturation by 10% instead.

168.2360,
-54.8393, 42.7660

168.2360,
-54.8393, 42.7660

255.0000, 0.0000,
0.0000

140.6980,
-55.5601, 40.6069

218.0390,
-52.7702, 32.4148

113.5730,
-55.9915, 38.9625

237.5530,
-49.0796, 15.3010

90.8140, -44.7713,
33.4891

244.7400,
-39.3118, 8.9980

68.9410, -33.9879,
28.1157

247.9320,
-27.0815, 6.1986

47.6550, -23.4939,
22.2276

251.2380,
-14.4143, 3.2993

28.1410, -13.8735,
16.5393

254.5440, -1.7472,

6.8770, -3.3904,

0.3999

14.1399

■ 0.0000, 0.0000,
0.0000

■ 168.2360,
-54.8393, 42.7660

■ 168.2360,
-54.8393, 42.7660

■ 161.6190,
-62.4232, 48.5691

■ 174.8530,
-47.2555, 36.9629

■ 155.1160,
-69.5702, 54.2723

■ 181.3560,
-40.1085, 31.2598

■ 150.5850,
-74.2384, 58.2460

■ 187.9730,
-32.5247, 25.4567

■ 194.5900,
-24.9409, 19.6536

■ 201.0930,
-17.7938, 13.9504

■ 207.7100,
-10.2100, 8.1473

■ 214.3270, -2.6262,
2.3442

■ 220.9440, 4.9576,
-3.4589

■ 227.4470, 12.1046,
-9.1620

Harmonies

Analogous

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



170.6910, -41.2597, 73.9390



168.2360, -54.8393, 42.7660



163.2370, -49.9098, 1.5462

Triad

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



168.2360, -54.8393, 42.7660



141.6820, 35.1598, -124.2551



178.6300, 31.7344, 41.5435

Complementary

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



168.2360, -54.8393, 42.7660



105.7640, 54.8393, -42.7660

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.



170.1770, 41.8177, -19.4492



168.2360, -54.8393, 42.7660



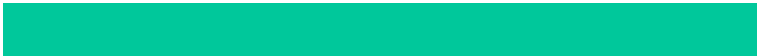
144.1220, 54.6629, -126.3950

Square

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



168.2360, -54.8393, 42.7660



135.0700, 9.8255, -118.4564



137.0780, 58.1355, -120.2174



171.3940, 9.6658, 73.3225

Rectangle

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



168.2360, -54.8393, 42.7660



158.3990, -35.6927, -31.9219



137.0780, 58.1355, -120.2174



178.4150, 37.7564, 23.3150

Sweetspot

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



168.2360, -54.8393, 42.7660



238.0500, -19.2516, 14.8652



110.8820, -0.4348, 93.0655



117.6670, -11.6678, 9.0620



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.



168.2360, -54.8393, 42.7660



186.6130, -76.7172, 59.9754



190.6870, -65.9077, -0.6025



106.3980, -3.6472, 3.1590



120.4060, -59.3602, 46.1249



31.9510, -15.7518, 12.3210

Inverse Universe

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



105.7640, 54.8393, -42.7660



99.3870, 76.7172, -59.9754



83.3130, 65.9077, 0.6025



102.0150, 3.9366, -2.6442



52.5940, 59.3602, -46.1249



14.0490, 15.7518, -12.3210

Previews

White Background



This preview shows how the YUV color 168.2360, -54.8393, 42.7660 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 168.2360, -54.8393, 42.7660 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 168.2360, -54.8393, 42.7660 Background



This preview shows how black text looks on a background with the YUV color 168.2360, -54.8393, 42.7660.



This preview shows how white text looks on a background with the YUV color 168.2360, -54.8393, 42.7660.

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

168.2360, -54.8393, 42.7660

Protanopia

166.8700, -53.1799, 23.7930

Deuteranopia

168.2360, -54.8393, 42.7660



Tritanopia

176.2980, -5.0769, 41.8347

Trichromacy



Original Color

168.2360, -54.8393, 42.7660

Protanomaly

167.3870, -53.9278, 30.3556

Deuteranomaly

168.2360, -54.8393, 42.7660

Tritanomaly

173.1890, -23.2642, 41.9302

Monochromacy



Original Color

168.2360, -54.8393, 42.7660

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2350, -19.8359, 15.5799

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2360, -54.8393, 42.7660 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(217, 165, 57)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 57)  
}
```

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(217, 165, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 57) }
```

Border

The CSS property to change the border of an element to YUV 168.2360, -54.8393, 42.7660 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(217, 165, 57) }
```


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

```
.border{ border-color:rgb(217, 165, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 57);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 168.2360, -54.8393, 42.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 57) }
```

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

```
.background{ background-color: rgb(217,  
165, 57) }
```

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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