

Converting Colors

YUV(160.8070, -54.1349,
50.1583)

Have a look what the booklet for
YUV(160.8070, -54.1349, 50.1583)
contains.

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Color

**YUV(160.8070, -54.1349,
50.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9933
RGB	218, 153, 51
RGB Percent	85%, 60%, 20%
CMY	0.1451, 0.4000, 0.8000
CMYK	0.00, 0.30, 0.77, 0.15
HSL	37°, 69%, 53%
HSV	37°, 77%, 85%
XYZ	40.9022, 37.9269, 8.2968
YIQ	160.8070, 71.4820, -17.9420

Conversions

Conversions Part 2

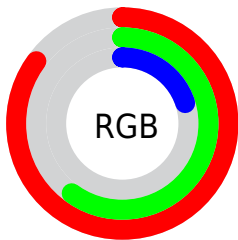
Format	Color
RYB	157, 218, 51
Decimal	14326067
CIELab	67.97, 15.57, 59.98
CIELCh	68, 61.966, 75.452
Yxy	37.9269, 0.4695, 0.4353
Android (android.graphics.Color)	4292516147 (0xFFDA9933)
YUV	160.8070, -54.1349, 50.1583
Hunter-Lab	61.5848, 10.7792, 35.1217

Details

The YUV color **160.8070, -54.1349, 50.1583** 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 **108.1930, 54.1349, -50.1583**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6100, -52.0657, 39.8070**, and **107.1160, -52.8082, 44.6253** is the 20% darker color. If you saturate the color by 10%, you get **153.6030, -61.4293, 56.4762**, and if you desaturate by 10%, it is **168.0110, -46.8404, 43.8404**.

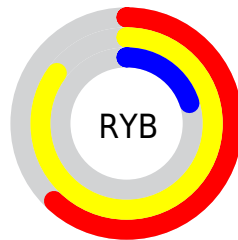
Distribution



Red (85%)

Green (60%)

Blue (20%)



Red (62%)

Yellow (85%)

Blue (20%)

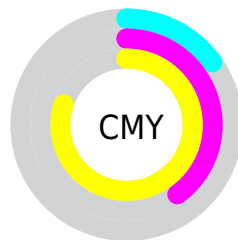


Cyan (0%)

Magenta (30%)

Yellow (77%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.8070, -54.1349, 50.1583 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 160.8070, -54.1349, 50.1583 by changing the saturation by 10% instead.

■ 160.8070,
-54.1349, 50.1583

■ 160.8070,
-54.1349, 50.1583

■ 255.0000, 0.0000,
0.0000

■ 133.1550,
-55.2924, 48.0991

■ 209.6100,
-52.0657, 39.8070

■ 107.1160,
-52.8082, 44.6253

■ 229.1240,
-48.3751, 22.6933

■ 84.3570, -41.5880,
39.1519

■ 244.0560,
-41.9326, 9.5979

■ 62.4840, -30.8046,
33.7785

■ 247.1340,
-30.1391, 6.8985

■ 41.7850, -20.6000,
27.3756

■ 250.4400,
-17.4719, 3.9991

■ 21.3850, -10.5428,
21.5874

■ 253.7460, -4.8048,

■ 4.7840, -2.3585,

1.0998

9.8364

■ 0.0000, 0.0000,
0.0000

■ 160.8070,
-54.1349, 50.1583

■ 160.8070,
-54.1349, 50.1583

■ 153.6030,
-61.4293, 56.4762

■ 168.0110,
-46.8404, 43.8404

■ 145.8120,
-68.4343, 63.3089

■ 175.8020,
-39.8354, 37.0076

■ 143.2530,
-70.6237, 65.5531

■ 182.8920,
-32.9778, 30.7897

■ 190.6830,
-25.9727, 23.9570

■ 197.8870,
-18.6783, 17.6391

■ 205.6780,
-11.6733, 10.8064

■ 212.8820, -4.3788,
4.4885

■ 220.5590, 2.1894,
-2.2442

■ 227.7630, 9.4838,
-8.5622

Harmonies

Analogous

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



162.8750, -36.9134, 79.9166



160.8070, -54.1349, 50.1583



156.5540, -54.0101, 10.0381

Triad

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



160.8070, -54.1349, 50.1583



135.4070, 28.8863, -118.7519



170.5300, 36.7137, 31.1072

Complementary

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



160.8070, -54.1349, 50.1583



108.1930, 54.1349, -50.1583

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.



158.5490, 47.5503, -38.1925



160.8070, -54.1349, 50.1583



138.7590, 51.8838, -121.6916

Square

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



160.8070, -54.1349, 50.1583



127.6210, 4.1308, -111.9236



134.7300, 59.2931, -118.1582



167.4420, 13.5861, 75.9114

Rectangle

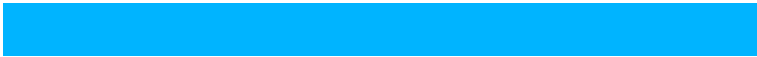
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160.8070, -54.1349, 50.1583



151.9720, -41.3982, -21.9004



134.7300, 59.2931, -118.1582



168.8910, 42.4517, 10.6196

Sweetspot

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



160.8070, -54.1349, 50.1583



234.7730, -19.1151, 17.7391



108.5710, 4.6485, 95.9692



115.6780, -11.6733, 10.8064



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.



160.8070, -54.1349, 50.1583



174.7930, -76.3129, 70.3415



193.8790, -70.4393, 6.2451



105.8110, -3.3578, 3.6738



113.9490, -56.1769, 51.7877



30.1900, -14.8837, 13.8654

Inverse Universe

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



108.1930, 54.1349, -50.1583



100.7940, 76.0236, -70.8563



75.1210, 70.4393, -6.2451



102.6020, 3.6472, -3.1590



59.0510, 56.1769, -51.7877



15.8100, 14.8837, -13.8654

Previews

White Background



This preview shows how the YUV color 160.8070, -54.1349, 50.1583 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 160.8070, -54.1349, 50.1583 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 160.8070, -54.1349, 50.1583 Background



This preview shows how black text looks on a background with the YUV color 160.8070, -54.1349, 50.1583.



This preview shows how white text looks on a background with the YUV color 160.8070, -54.1349, 50.1583.

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

160.8070, -54.1349, 50.1583

Protanopia

159.3260, -51.4327, 23.3931

Deuteranopia

160.5240, -54.9813, 41.6365



Tritanopia

168.4730, -7.1352, 48.6972

Trichromacy



Original Color

160.8070, -54.1349, 50.1583

Protanomaly

159.8650, -52.1914, 33.4444

Deuteranomaly

160.6600, -54.5554, 45.0252

Tritanomaly

166.0050, -24.1595, 49.1076

Monochromacy



Original Color

160.8070, -54.1349, 50.1583

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9580, -19.6993, 18.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.8070, -54.1349, 50.1583 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(218, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(218, 153, 51)  
}
```

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(218, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 153, 51) }
```

Border

The CSS property to change the border of an element to YUV 160.8070, -54.1349, 50.1583 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(218, 153, 51) }
```


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

```
.border{ border-color:rgb(218, 153, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 153, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(218, 153,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 160.8070, -54.1349, 50.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 153, 51) }
```

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

```
.background{ background-color: rgb(218,  
153, 51) }
```

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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