

Converting Colors

YUV(145.6770, -53.5778,
58.1653)

Have a look what the booklet for
YUV(145.6770, -53.5778, 58.1653)
contains.

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Color

**YUV(145.6770, -53.5778,
58.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	D48525
RGB	212, 133, 37
RGB Percent	83%, 52%, 15%
CMY	0.1686, 0.4784, 0.8549
CMYK	0.00, 0.37, 0.83, 0.17
HSL	33°, 70%, 49%
HSV	33°, 83%, 83%
XYZ	35.8728, 30.9057, 5.8250
YIQ	145.6770, 77.9000, -13.1080

Conversions

Conversions Part 2

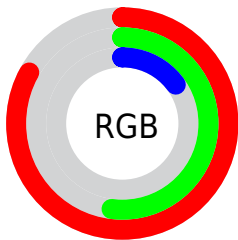
Format	Color
RYB	181, 212, 37
Decimal	13927717
CIELab	62.43, 23.29, 59.86
CIELCh	62, 64.230, 68.744
Yxy	30.9057, 0.4941, 0.4257
Android (android.graphics.Color)	4292117797 (0xFFD48525)
YUV	145.6770, -53.5778, 58.1653
Hunter-Lab	55.5929, 17.8945, 32.7027

Details

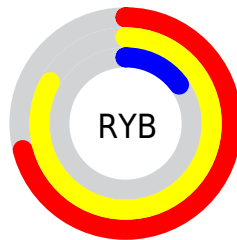
The YUV color **145.6770, -53.5778, 58.1653** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **103.3230, 53.5778, -58.1653**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8010, -51.6669, 51.9175**, and **94.1690, -46.4253, 50.7178** is the 20% darker color. If you saturate the color by 10%, you get **137.4130, -59.8566, 65.4128**, and if you desaturate by 10%, it is **153.9410, -47.2989, 50.9177**.

Distribution



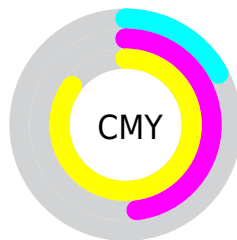
- Red (83%)
- Green (52%)
- Blue (15%)



- Red (71%)
- Yellow (83%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (83%)
- Black (17%)




- Cyan (17%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6770, -53.5778, 58.1653 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 145.6770, -53.5778, 58.1653 by changing the saturation by 10% instead.


 145.6770,
-53.5778, 58.1653


 145.6770,
-53.5778, 58.1653


255.0000, 0.0000,
0.0000


 117.8140,
-58.0823, 56.2911


 195.8010,
-51.6669, 51.9175


 94.1690, -46.4253,
50.7178


 215.2010,
-48.4131, 34.9037

 71.6980, -35.3471,
44.1149


 235.3020,
-45.0119, 17.2751

 49.5260, -24.4163,
38.1267

 245.5380,
-36.2542, 8.2982

 28.5390, -14.0697,
32.8533

 248.7300,
-24.0239, 5.4988

 12.2590, -6.0437,
25.2059

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 145.6770,
-53.5778, 58.1653

■ 145.6770,
-53.5778, 58.1653

■ 137.4130,
-59.8566, 65.4128

■ 153.9410,
-47.2989, 50.9177

■ 131.4800,
-64.8196, 70.6160

■ 161.6180,
-40.7307, 44.1850

■ 169.9960,
-34.0150, 36.8375

■ 177.6730,
-27.4468, 30.1048

■ 185.9370,
-21.1679, 22.8573

■ 193.6140,
-14.5997, 16.1245

■ 201.8780, -8.3209,
8.8770

■ 210.2560, -1.6052,
1.5295

■ 217.9330, 4.9630,
-5.2032

Harmonies

Analogous

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



146.2870, -31.6935, 85.6943



145.6770, -53.5778, 58.1653



141.2580, -61.7522, 19.9447

Triad

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



145.6770, -53.5778, 58.1653



123.5240, 21.4337, -108.3305



154.8210, 41.9932, 17.6970

Complementary

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



145.6770, -53.5778, 58.1653



103.3230, 53.5778, -58.1653

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.



132.6460, 60.3205, -74.2345



145.6770, -53.5778, 58.1653



128.5060, 45.5995, -112.6998

Square

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



145.6770, -53.5778, 58.1653



114.9230, -3.9060, -100.7875



127.6860, 62.7658, -111.9806



152.5320, 20.4437, 69.6934

Rectangle

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



145.6770, -53.5778, 58.1653



138.0890, -48.8509, -11.4791



127.6860, 62.7658, -111.9806



152.8010, 48.9051, -5.9645

Sweetspot

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



145.6770, -53.5778, 58.1653



230.6810, -19.5627, 21.3278



98.6730, 10.0212, 99.3878



112.9880, -11.8261, 13.1655



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.



145.6770, -53.5778, 58.1653



159.3540, -77.0825, 83.8815



190.2560, -75.5552, 13.8075



102.8110, -3.3578, 3.6738



106.3070, -52.4094, 56.7358



26.9450, -13.2839, 14.0802

Inverse Universe

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



103.3230, 53.5778, -58.1653



98.6460, 77.0825, -83.8815



58.7440, 75.5552, -13.8075



100.1890, 3.3578, -3.6738



64.6930, 52.4094, -56.7358



16.6420, 12.9945, -14.5950

Previews

White Background



This preview shows how the YUV color 145.6770, -53.5778, 58.1653 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 145.6770, -53.5778, 58.1653 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 145.6770, -53.5778, 58.1653

Background



This preview shows how black text looks on a background with the YUV color 145.6770, -53.5778, 58.1653.



This preview shows how white text looks on a background with the YUV color 145.6770, -53.5778, 58.1653.

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

145.6770, -53.5778, 58.1653

Protanopia

144.8420, -50.7011, 22.0636

Deuteranopia

145.2850, -55.8495, 40.0921



Tritanopia

152.8330, -9.7777, 56.2745

Trichromacy



Original Color

145.6770, -53.5778, 58.1653

Protanomaly

144.9900, -51.7601, 35.0888

Deuteranomaly

145.5570, -54.9976, 46.8695

Tritanomaly

150.0060, -25.6390, 56.9997

Monochromacy



Original Color

145.6770, -53.5778, 58.1653

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6810, -19.5627, 21.3278

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6770, -53.5778, 58.1653 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, 133, 37)` looks like.

```
.text, #text, p{  
    color:rgb(212, 133, 37)  
}
```

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, 133, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 133, 37) }
```

Border

The CSS property to change the border of an element to YUV 145.6770, -53.5778, 58.1653 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, 133, 37) }
```


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

```
.border{ border-color:rgb(212, 133, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 133, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 133, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 133, 37);  
box-shadow:4px 4px 4px 4px rgb(212, 133,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 145.6770, -53.5778, 58.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 133, 37) }
```

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

```
.background{ background-color: rgb(212,  
133, 37) }
```

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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