

Converting Colors

YUV(154.6560, -45.1864,
26.6117)

Have a look what the booklet for
YUV(154.6560, -45.1864, 26.6117)
contains.

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Color

**YUV(154.6560, -45.1864,
26.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	B99D3F
RGB	185, 157, 63
RGB Percent	73%, 62%, 25%
CMY	0.2745, 0.3843, 0.7529
CMYK	0.00, 0.15, 0.66, 0.27
HSL	46°, 49%, 49%
HSV	46°, 66%, 73%
XYZ	32.9618, 34.7871, 9.6799
YIQ	154.6560, 46.8620, -23.2980

Conversions

Conversions Part 2

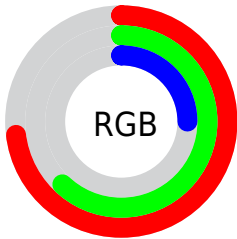
Format	Color
R_{YB}	99, 185, 63
Decimal	12164415
CIE Lab	65.58, -0.36, 51.40
CIE LCh	66, 51.399, 90.405
Yxy	34.7871, 0.4257, 0.4493
Android (android.graphics.Color)	4290354495 (0xFFB99D3F)
YUV	154.6560, -45.1864, 26.6117
Hunter-Lab	58.9806, -3.4600, 31.5557

Details

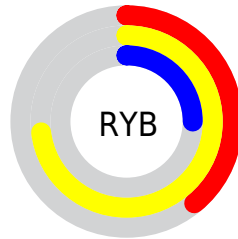
The YUV color **154.6560, -45.1864, 26.6117** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **93.3440, 45.1864, -26.6117**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9230, -46.7970, 29.8855**, and **101.1350, -48.3806, 24.4376** is the 20% darker color. If you saturate the color by 10%, you get **150.2560, -51.8912, 30.4705**, and if you desaturate by 10%, it is **159.1700, -38.0448, 22.6529**.

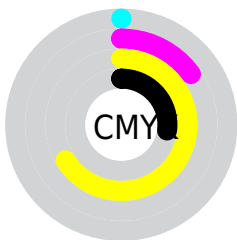
Distribution



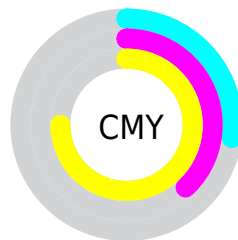
- Red (73%)
- Green (62%)
- Blue (25%)



- Red (39%)
- Yellow (73%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6560, -45.1864, 26.6117 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 154.6560, -45.1864, 26.6117 by changing the saturation by 10% instead.

■ 154.6560,
-45.1864, 26.6117

■ 154.6560,
-45.1864, 26.6117

■ 255.0000, 0.0000,
0.0000

■ 127.7590,
-44.7442, 24.7674

■ 209.9230,
-46.7970, 29.8855

■ 101.1350,
-48.3806, 24.4376

■ 233.3130,
-45.0173, 19.0195

■ 78.3330, -38.6182,
19.8790

■ 245.1960,
-37.5646, 8.5981

■ 57.0580, -28.1296,
15.7351

■ 248.3880,
-25.3343, 5.7987

■ 36.9570, -18.2198,
10.5617

■ 251.5800,
-13.1039, 2.9993

■ 17.7420, -8.7468,
5.4883

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 154.6560,
-45.1864, 26.6117

■ 154.6560,
-45.1864, 26.6117

■ 150.2560,
-51.8912, 30.4705

■ 159.1700,
-38.0448, 22.6529

■ 145.7420,
-59.0328, 34.4293

■ 163.5700,
-31.3400, 18.7941

■ 140.7550,
-65.4482, 38.8029

■ 168.6710,
-24.4878, 14.3205

■ 139.2560,
-68.6532, 40.1175

■ 173.0710,
-17.7830, 10.4617

■ 177.5850,
-10.6414, 6.5030

■ 181.9850, -3.9366,
2.6442

■ 187.0860, 2.9156,
-1.8294

■ 191.4860, 9.6204,
-5.6882

■ 195.8860, 16.3252,
-9.5470

Harmonies

Analogous

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



157.2650, -38.5846, 55.8956



154.6560, -45.1864, 26.6117



149.7160, -36.3420, -10.2749

Triad

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



154.6560, -45.1864, 26.6117



129.6170, 37.1638, -113.6741



163.7910, 20.8090, 45.7873

Complementary

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



154.6560, -45.1864, 26.6117



93.3440, 45.1864, -26.6117

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.



161.9730, 37.9743, 0.0237



154.6560, -45.1864, 26.6117



130.5580, 53.4619, -114.4994

Square

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



154.6560, -45.1864, 26.6117



124.8460, 16.3449, -109.4899



145.5130, 52.0051, -67.1019



160.5650, 0.2145, 71.4185

Rectangle

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



154.6560, -45.1864, 26.6117



144.3840, -22.8673, -38.9248



145.5130, 52.0051, -67.1019



164.1960, 26.5254, 32.2771

Sweetspot

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



154.6560, -45.1864, 26.6117



228.0710, -17.7830, 10.4617



102.6700, -5.7533, 72.2034



112.5850, -10.6414, 6.5030



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.6560, -45.1864, 26.6117



192.5120, -70.2584, 41.6470



161.2250, -48.4249, -8.0903



89.8000, -3.3524, 1.9294



117.0840, -57.7224, 34.1293



21.2860, -10.4940, 5.8882

Inverse Universe

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



93.3440, 45.1864, -26.6117



97.4880, 70.2584, -41.6470



86.7750, 48.4249, 8.0903



85.2000, 3.3524, -1.9294



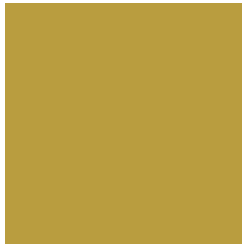
38.9160, 57.7224, -34.1293



6.7140, 10.4940, -5.8882

Previews

White Background



This preview shows how the YUV color 154.6560, -45.1864, 26.6117 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 154.6560, -45.1864, 26.6117 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 154.6560, -45.1864, 26.6117

Background



This preview shows how black text looks on a background with the YUV color 154.6560, -45.1864, 26.6117.



This preview shows how white text looks on a background with the YUV color 154.6560, -45.1864, 26.6117.

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

154.6560, -45.1864, 26.6117

Protanopia

154.4380, -44.5859, 20.6639

Deuteranopia

155.8360, -44.7821, 36.9778



Tritanopia

162.1220, -1.5391, 27.0800

Trichromacy



Original Color

154.6560, -45.1864, 26.6117

Protanomaly

154.7480, -44.7388, 23.0230

Deuteranomaly

155.4010, -45.0607, 32.9743

Tritanomaly

159.5830, -17.5424, 26.6757

Monochromacy



Original Color

154.6560, -45.1864, 26.6117

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1140, -16.3252, 9.5470

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6560, -45.1864, 26.6117 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(185, 157, 63)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 63)  
}
```

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(185, 157, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 63) }
```

Border

The CSS property to change the border of an element to YUV 154.6560, -45.1864, 26.6117 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(185, 157, 63) }
```


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

```
.border{ border-color:rgb(185, 157, 63) }
```

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

Here you see how a box with a 4 pixel rgb(185, 157, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 157, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 157, 63);  
box-shadow:4px 4px 4px 4px rgb(185, 157,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 154.6560, -45.1864, 26.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 63) }
```

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

```
.background{ background-color: rgb(185,  
157, 63) }
```

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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