

Converting Colors

YUV(164.2240, -56.8054,
19.9746)

Have a look what the booklet for
YUV(164.2240, -56.8054, 19.9746)
contains.

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Color

**YUV(164.2240, -56.8054,
19.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAF31
RGB	187, 175, 49
RGB Percent	73%, 69%, 19%
CMY	0.2667, 0.3137, 0.8078
CMYK	0.00, 0.06, 0.74, 0.27
HSL	55°, 58%, 46%
HSV	55°, 74%, 73%
XYZ	36.3779, 41.4465, 8.9884
YIQ	164.2240, 47.5980, -36.6420

Conversions

Conversions Part 2

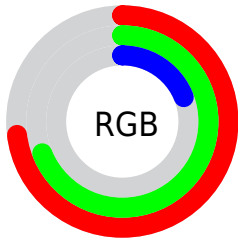
Format	Color
R_{YB}	62, 187, 49
Decimal	12300081
CIE Lab	70.49, -9.77, 62.03
CIE LCh	70, 62.797, 98.947
Yxy	41.4465, 0.4190, 0.4774
Android (android.graphics.Color)	4290490161 (0xFFBBAF31)
YUV	164.2240, -56.8054, 19.9746
Hunter-Lab	64.3789, -11.8002, 36.7874

Details

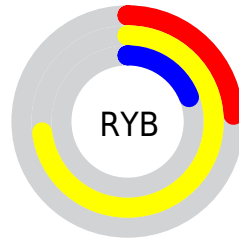
The YUV color **164.2240, -56.8054, 19.9746** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **71.7760, 56.8054, -19.9746**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4200, -57.3951, 22.4337**, and **111.0710, -54.7580, 16.6007** is the 20% darker color. If you saturate the color by 10%, you get **160.8840, -64.5258, 22.9037**, and if you desaturate by 10%, it is **167.5640, -49.0851, 17.0454**.

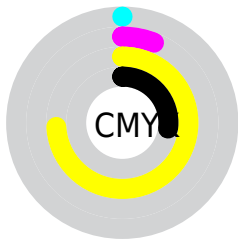
Distribution



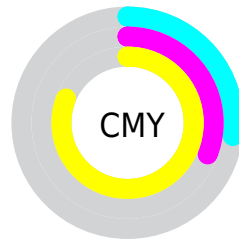
- Red (73%)
- Green (69%)
- Blue (19%)



- Red (24%)
- Yellow (73%)
- Blue (19%)



- Cyan (0%)
- Magenta (6%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2240, -56.8054, 19.9746 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 164.2240, -56.8054, 19.9746 by changing the saturation by 10% instead.

■ 164.2240,
-56.8054, 19.9746

■ 164.2240,
-56.8054, 19.9746

■ 255.0000, 0.0000,
0.0000

■ 136.3010,
-60.2944, 19.0300

■ 220.4200,
-57.3951, 22.4337

■ 111.0710,
-54.7580, 16.6007

■ 240.8640,
-54.1630, 12.3973

■ 88.3230, -43.5432,
12.8717

■ 244.0560,
-41.9326, 9.5979

■ 66.7490, -32.9073,
8.1131

■ 247.2480,
-29.7023, 6.7985

■ 45.1750, -22.2713,
3.3545

■ 250.5540,
-17.0351, 3.8991

■ 25.6720, -12.6563,
-0.5893

■ 253.8600, -4.3680,

■ 1.7610, -0.8682,

0.9998

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 164.2240,
-56.8054, 19.9746

■ 164.2240,
-56.8054, 19.9746

■ 160.8840,
-64.5258, 22.9037

■ 167.5640,
-49.0851, 17.0454

■ 158.2450,
-72.0988, 25.2181

■ 170.2030,
-41.5121, 14.7310

■ 156.2900,
-77.0510, 26.9327

■ 173.5430,
-33.7917, 11.8018

■ 176.8830,
-26.0713, 8.8726

■ 179.5220,
-18.4983, 6.5582

■ 182.8620,
-10.7780, 3.6290

■ 185.6150, -2.7682,
1.2146

■ 188.9550, 4.9522,
-1.7145

■ 192.1810, 12.2358,
-4.5437

Harmonies

Analogous

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



168.6170, -52.5622, 59.0949



164.2240, -56.8054, 19.9746



157.5090, -39.1979, -27.6334

Triad

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



164.2240, -56.8054, 19.9746



143.9280, 48.8425, -126.2249



175.8910, 19.2807, 69.3786

Complementary

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



164.2240, -56.8054, 19.9746



71.7760, 56.8054, -19.9746

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.



176.3220, 38.7883, 19.0116



164.2240, -56.8054, 19.9746



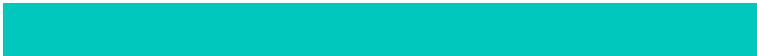
140.0130, 56.6886, -122.7914

Square

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



164.2240, -56.8054, 19.9746



138.8320, 24.2398, -121.7557



157.8300, 47.9048, -58.6099



164.6970, -3.3016, 79.1957

Rectangle

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



164.2240, -56.8054, 19.9746



146.8530, -17.6755, -70.9081



157.8300, 47.9048, -58.6099



176.8660, 27.1811, 55.3685

Sweetspot

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



164.2240, -56.8054, 19.9746



233.6100, -21.9927, 7.3580



91.8580, -14.2270, 83.4395



117.2920, -12.9620, 4.1289



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.2240, -56.8054, 19.9746



206.9240, -88.7025, 30.7617



154.8230, -52.1707, -20.0158



92.9740, -3.9312, 0.8998



131.7700, -64.9626, 23.0037



25.7050, -12.6726, 4.6437

Inverse Universe

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



71.7760, 56.8054, -19.9746



62.0760, 88.7025, -30.7617



81.1770, 52.1707, 20.0158



86.6130, 3.6418, -1.4146



26.2300, 64.9626, -23.0037



5.2950, 12.6726, -4.6437

Previews

White Background



This preview shows how the YUV color 164.2240, -56.8054, 19.9746 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 164.2240, -56.8054, 19.9746 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 164.2240, -56.8054, 19.9746

Background



This preview shows how black text looks on a background with the YUV color 164.2240, -56.8054, 19.9746.



This preview shows how white text looks on a background with the YUV color 164.2240, -56.8054, 19.9746.

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

164.2240, -56.8054, 19.9746

Protanopia

164.7300, -57.5479, 24.7928

Deuteranopia

167.0080, -55.7129, 42.9660



Tritanopia

174.6480, 0.6665, 19.6027

Trichromacy



Original Color

164.2240, -56.8054, 19.9746

Protanomaly

164.7190, -57.5425, 23.0484

Deuteranomaly

165.8390, -56.1226, 34.3442

Tritanomaly

170.5560, -19.9941, 19.6834

Monochromacy



Original Color

164.2240, -56.8054, 19.9746

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9520, -20.6823, 7.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2240, -56.8054, 19.9746 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(187, 175, 49)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 49)  
}
```

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(187, 175, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 49) }
```

Border

The CSS property to change the border of an element to YUV 164.2240, -56.8054, 19.9746 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(187, 175, 49) }
```


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

```
.border{ border-color:rgb(187, 175, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 49);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 164.2240, -56.8054, 19.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 49) }
```

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

```
.background{ background-color: rgb(187,  
175, 49) }
```

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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