

Converting Colors

YUV(104.4000, -7.0992,
-56.4788)

Have a look what the booklet for
YUV(104.4000, -7.0992, -56.4788)
contains.

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Color

**YUV(104.4000, -7.0992,
-56.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	288C5A
RGB	40, 140, 90
RGB Percent	16%, 55%, 35%
CMY	0.8431, 0.4510, 0.6471
CMYK	0.71, 0.00, 0.36, 0.45
HSL	150°, 56%, 35%
HSV	150°, 71%, 55%
XYZ	12.0986, 19.9455, 12.8851
YIQ	104.4000, -43.5500, -36.7500

Conversions

Conversions Part 2

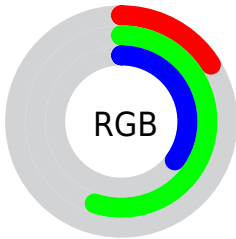
Format	Color
R_{YB}	40, 107, 140
Decimal	2657370
CIE _{Lab}	51.78, -40.62, 18.66
CIE _{LCh}	52, 44.700, 155.322
Yxy	19.9455, 0.2693, 0.4439
Android (android.graphics.Color)	4280847450 (0xFF288C5A)
YUV	104.4000, -7.0992, -56.4788
Hunter-Lab	44.6603, -29.7994, 14.1564

Details

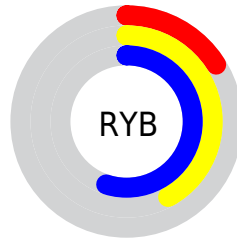
The YUV color **104.4000, -7.0992, -56.4788** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **75.6000, 7.0992, 56.4788**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4390, -9.5834, -53.0050**, and **57.2590, -6.5367, -50.2161** is the 20% darker color. If you saturate the color by 10%, you get **99.4160, -8.0931, -64.3858**, and if you desaturate by 10%, it is **109.3840, -6.1053, -48.5718**.

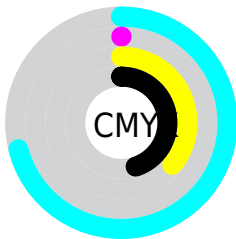
Distribution



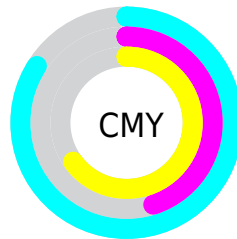
- Red (16%)
- Green (55%)
- Blue (35%)



- Red (16%)
- Yellow (42%)
- Blue (55%)



- Cyan (71%)
- Magenta (0%)
- Yellow (36%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.4000, -7.0992, -56.4788 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 104.4000, -7.0992, -56.4788 by changing the saturation by 10% instead.


 104.4000, -7.0992,
-56.4788


 104.4000, -7.0992,
-56.4788


255.0000, 0.0000,
0.0000


 74.4420, -4.1619,
-65.2856


 159.4390, -9.5834,
-53.0050

 57.2590, -6.5367,
-50.2161


 187.9120,
-10.3096, -53.4198

 40.0760, -8.9115,
-35.1467

 216.3850,
-11.0358, -53.8346

 24.6540, -12.1544,
-21.6216

 229.7100, -3.8010,
-40.9647

 7.0440, -3.4727,
-6.1776

 241.6870, 4.5913,
-26.0355

 0.0000, 0.0000,
0.0000

 251.1130, 1.9163,

-7.9921

■ 104.4000, -7.0992,
-56.4788

■ 104.4000, -7.0992,
-56.4788

■ 99.4160, -8.0931,
-64.3858

■ 109.3840, -6.1053,
-48.5718

■ 94.4320, -9.0870,
-72.2929

■ 114.3680, -5.1114,
-40.6647

■ 90.1600, -9.9389,
-79.0703

■ 119.3520, -4.1175,
-32.7577

■ 124.3360, -3.1236,
-24.8507

■ 129.3200, -2.1298,
-16.9436

■ 134.3040, -1.1359,
-9.0366

■ 139.2880, -0.1420,
-1.1296

■ 144.2720, 0.8519,
6.7775

■ 149.2560, 1.8458,
14.6845

Harmonies

Analogous

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



114.5720, -27.8900, -14.5336



104.4000, -7.0992, -56.4788



98.0600, 15.2534, -85.9986

Triad

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



104.4000, -7.0992, -56.4788



115.0120, 41.8991, -45.6145



122.3960, -20.4082, 59.2887

Complementary

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



104.4000, -7.0992, -56.4788



75.6000, 7.0992, 56.4788

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.



123.9890, -2.9526, 60.5226



104.4000, -7.0992, -56.4788



126.7260, 29.2221, 7.2563

Square

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



104.4000, -7.0992, -56.4788



101.7200, 44.5080, -89.2084



126.7600, 14.4153, 43.1835



121.4420, -33.7419, 42.5854

Rectangle

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



104.4000, -7.0992, -56.4788



101.0240, 26.6102, -88.5980



126.7600, 14.4153, 43.1835



122.9000, -14.7407, 61.4777

Sweetspot

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



104.4000, -7.0992, -56.4788



167.4720, -2.6977, -21.4619



113.6500, -36.3094, -20.7410



83.7550, -1.8512, -12.9401



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



104.4000, -7.0992, -56.4788



125.4640, -11.0748, -88.1069



110.1000, 14.7407, -61.4777



66.4510, -0.7153, -3.9035



85.5950, -9.6603, -75.0668



3.2770, -0.1366, -2.8739

Inverse Universe

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



75.6000, 7.0992, 56.4788



80.5360, 11.0748, 88.1069



69.9000, -14.7407, 61.4777



64.4350, 0.2785, 4.0035



47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 104.4000, -7.0992, -56.4788 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104.4000, -7.0992, -56.4788 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.4000, -7.0992, -56.4788

Background



This preview shows how black text looks on a background with the YUV color 104.4000, -7.0992, -56.4788.



This preview shows how white text looks on a background with the YUV color 104.4000, -7.0992, -56.4788.

-56.4788.

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

104.4000, -7.0992, -56.4788

Protanopia

121.4300, -18.9460, 10.1469

Deuteranopia

123.1520, -13.8789, 18.2837



Tritanopia

113.0250, 15.2707, -44.7489

Trichromacy



Original Color

104.4000, -7.0992, -56.4788

Protanomaly

115.1280, -14.3601, -14.1443

Deuteranomaly

116.2580, -11.4662, -8.9963

Tritanomaly

110.1140, 6.8458, -49.2120

Monochromacy



Original Color

104.4000, -7.0992, -56.4788

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1840, -2.5557, -20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4000, -7.0992, -56.4788 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(40, 140, 90)` looks like.

```
.text, #text, p{  
    color:rgb(40, 140, 90)  
}
```

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(40, 140, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 140, 90) }
```

Border

The CSS property to change the border of an element to YUV 104.4000, -7.0992, -56.4788 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(40, 140, 90) }
```


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

```
.border{ border-color:rgb(40, 140, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 140, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 140, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 140, 90);  
box-shadow:4px 4px 4px 4px rgb(40, 140,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 104.4000, -7.0992, -56.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 140, 90) }
```

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

```
.background{ background-color: rgb(40, 140,  
90) }
```

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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