

Converting Colors

YUV(100.7560, -6.2887,
57.2190)

Have a look what the booklet for
YUV(100.7560, -6.2887, 57.2190)
contains.

YUV(100.7560, -6.2887, 57.2190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.7560, -6.2887,
57.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	A64658
RGB	166, 70, 88
RGB Percent	65%, 27%, 35%
CMY	0.3490, 0.7255, 0.6549
CMYK	0.00, 0.58, 0.47, 0.35
HSL	349°, 41%, 46%
HSV	349°, 58%, 65%
XYZ	19.6775, 13.1919, 10.7417
YIQ	100.7560, 51.4380, 25.9500

Conversions

Conversions Part 2

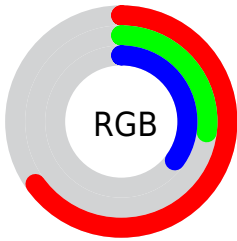
Format	Color
R_{YB}	166, 70, 88
Decimal	10896984
CIE _{Lab}	43.05, 41.26, 9.40
CIE _{LCh}	43, 42.315, 12.833
Yxy	13.1919, 0.4512, 0.3025
Android (android.graphics.Color)	4289087064 (0xFFA64658)
YUV	100.7560, -6.2887, 57.2190
Hunter-Lab	36.3206, 33.1451, 7.8897

Details

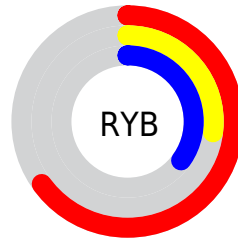
The YUV color **100.7560, -6.2887, 57.2190** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **135.2440, 6.2887, -57.2190**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3220, -8.0467, 61.1076**, and **46.5970, -1.7733, 55.6044** is the 20% darker color. If you saturate the color by 10%, you get **89.2950, -7.0474, 67.2703**, and if you desaturate by 10%, it is **112.2170, -5.5300, 47.1677**.

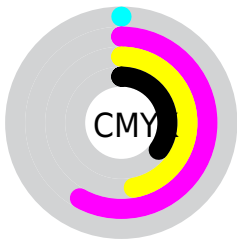
Distribution



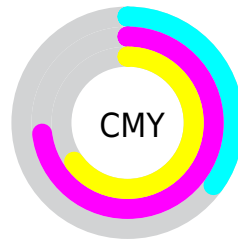
- Red (65%)
- Green (27%)
- Blue (35%)



- Red (65%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (58%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7560, -6.2887, 57.2190 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 100.7560, -6.2887, 57.2190 by changing the saturation by 10% instead.


 100.7560, -6.2887,
57.2190


 100.7560, -6.2887,
57.2190


255.0000, 0.0000,
0.0000


 74.5000, -4.6835,
55.6895


 154.3220, -8.0467,
61.1076


 46.5970, -1.7733,
55.6044


 182.1050, -8.9258,
63.0519


 27.1400, -2.0410,
48.1122

 201.3310, -5.0932,
47.0677

 17.0430, -8.4022,
35.0423

 220.9590, -0.9658,
29.8540

 7.2900, -3.1010,
14.6547

 241.1740, 2.8722,
12.1254

 0.0000, 0.0000,
0.0000

■ 100.7560, -6.2887,
57.2190

■ 100.7560, -6.2887,
57.2190

■ 89.2950, -7.0474,
67.2703

■ 112.2170, -5.5300,
47.1677

■ 78.3070, -8.5324,
76.9068

■ 123.2050, -4.0451,
37.5312

■ 66.8460, -9.2911,
86.9581

■ 134.6660, -3.2863,
27.4799

■ 55.8580, -10.7760,
96.5945

■ 145.6540, -1.8014,
17.8434

■ 53.1680, -10.9288,
98.9537

■ 157.1150, -1.0427,
7.7921

■ 168.6900, 0.1528,
-2.3591

■ 179.5640, 1.2009,
-11.8956

■ 191.1390, 2.3965,

-22.0469

■ 202.0130, 3.4446,
-31.5834

Harmonies

Analogous

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



103.2180, 9.7525, 45.4128



100.7560, -6.2887, 57.2190



100.2980, -21.8389, 51.4817

Triad

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



100.7560, -6.2887, 57.2190



91.7220, -22.0479, -21.6812



84.3090, 41.2597, -73.9390

Complementary

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



100.7560, -6.2887, 57.2190



135.2440, 6.2887, -57.2190

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.



85.5510, 30.7874, -75.0282



100.7560, -6.2887, 57.2190



77.7990, 1.0851, -68.2297

Square

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



100.7560, -6.2887, 57.2190



96.4070, -34.2177, 8.4131



83.0770, 16.2310, -72.8585



97.2160, 35.8825, -29.1304

Rectangle

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



100.7560, -6.2887, 57.2190



99.6420, -30.3895, 40.6560



83.0770, 16.2310, -72.8585



85.6140, 38.6443, -75.0835

Sweetspot

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



100.7560, -6.2887, 57.2190



191.8610, -2.3965, 22.0469



103.9670, 30.5823, 37.7399



95.0340, -1.4958, 13.1252



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



100.7560, -6.2887, 57.2190



115.0420, -9.8807, 89.4172



115.7270, -22.5434, 44.0894



78.5060, -0.7425, 4.8182



47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Inverse Universe

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



100.7560, -6.2887, 57.2190



115.0420, -9.8807, 89.4172



120.2730, 22.5434, -44.0894



78.5060, -0.7425, 4.8182



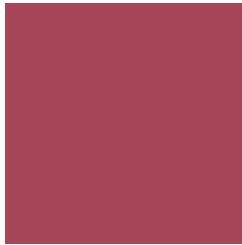
47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 100.7560, -6.2887, 57.2190 looks on a white background.

Color Contrast Check

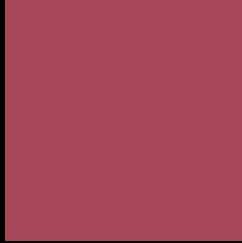
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 100.7560, -6.2887, 57.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

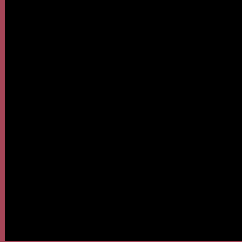
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7560, -6.2887, 57.2190

Background



This preview shows how black text looks on a background with the YUV color 100.7560, -6.2887, 57.2190.



This preview shows how white text looks on a background with the YUV color 100.7560, -6.2887,

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

100.7560, -6.2887, 57.2190

Protanopia

102.6410, 1.1630, 0.3148

Deuteranopia

102.6830, -9.2107, 14.3100



Tritanopia

100.3770, -11.5249, 56.6744

Trichromacy



Original Color

100.7560, -6.2887, 57.2190

Protanomaly

101.7900, -1.3755, 21.2322

Deuteranomaly

102.0100, -8.3859, 29.8092

Tritanomaly

100.2460, -9.4883, 56.7893

Monochromacy



Original Color

100.7560, -6.2887, 57.2190

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1490, -2.5385, 20.9173

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7560, -6.2887, 57.2190 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(166, 70, 88)` looks like.

```
.text, #text, p{  
    color:rgb(166, 70, 88)  
}
```

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(166, 70, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 70, 88) }
```

Border

The CSS property to change the border of an element to YUV 100.7560, -6.2887, 57.2190 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(166, 70, 88) }
```


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

```
.border{ border-color:rgb(166, 70, 88) }
```

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

Here you see how a box with a 4 pixel rgb(166, 70, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 70, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 70, 88);  
box-shadow:4px 4px 4px 4px rgb(166, 70,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 100.7560, -6.2887, 57.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 70, 88) }
```

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

```
.background{ background-color: rgb(166, 70,  
88) }
```

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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