

Converting Colors

YUV(104.6900, 3.6038, 10.7959)

Have a look what the booklet for
YUV(104.6900, 3.6038, 10.7959)
contains.

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Color

**YUV(104.6900, 3.6038,
10.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	756170
RGB	117, 97, 112
RGB Percent	46%, 38%, 44%
CMY	0.5412, 0.6196, 0.5608
CMYK	0.00, 0.17, 0.04, 0.54
HSL	315°, 9%, 42%
HSV	315°, 17%, 46%
XYZ	14.5354, 13.5011, 17.1691
YIQ	104.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

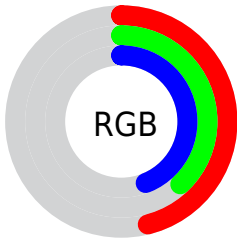
Format	Color
R_{YB}	117, 97, 112
Decimal	7692656
CIE Lab	43.51, 10.88, -5.45
CIE LCh	44, 12.167, 333.396
Yxy	13.5011, 0.3215, 0.2987
Android (android.graphics.Color)	4285882736 (0xFF756170)
YUV	104.6900, 3.6038, 10.7959
Hunter-Lab	36.7439, 6.3106, -1.9834

Details

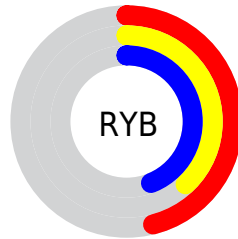
The YUV color **104.6900, 3.6038, 10.7959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.3100, -3.6038, -10.7959**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1030, 3.8932, 11.3107**, and **57.8640, 3.0250, 9.7663** is the 20% darker color. If you saturate the color by 10%, you get **97.3040, 5.7661, 17.2734**, and if you desaturate by 10%, it is **112.0760, 1.4415, 4.3183**.

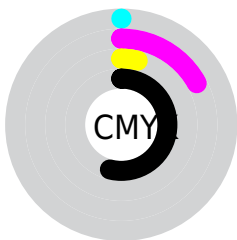
Distribution



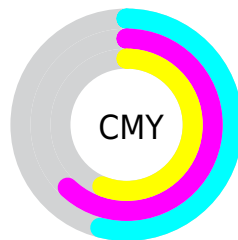
- Red (46%)
- Green (38%)
- Blue (44%)



- Red (46%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6900, 3.6038, 10.7959 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 104.6900, 3.6038, 10.7959 by changing the saturation by 10% instead.

■ 104.6900, 3.6038,
10.7959

■ 104.6900, 3.6038,
10.7959

255.0000, 0.0000,
0.0000

■ 80.3910, 3.7512,
10.1811

■ 156.1030, 3.8932,
11.3107

■ 57.8640, 3.0250,
9.7663

■ 182.8150, 4.0352,
12.4402

■ 35.5650, 3.1725,
9.1515

■ 210.8150, 4.0352,
12.4402

■ 13.2170, 4.3300,
11.2107

■ 238.8150, 4.0352,
12.4402

■ 0.0000, 0.0000,
0.0000

■ 104.6900, 3.6038,

■ 104.6900, 3.6038,

10.7959

10.7959

■ 97.3040, 5.7661,
17.2734

■ 112.0760, 1.4415,
4.3183

■ 90.5050, 7.6390,
23.2361

■ 118.8750, -0.4314,
-1.6444

■ 83.1190, 9.8013,
29.7136

■ 126.2610, -2.5937,
-8.1219

■ 75.7330, 11.9636,
36.1912

■ 133.6470, -4.7560,
-14.5994

■ 68.9340, 13.8365,
42.1539

■ 141.0330, -6.9183,
-21.0769

■ 61.5480, 15.9988,
48.6314

■ 147.8320, -8.7912,
-27.0397

■ 54.2760, 18.5979,
55.0089

■ 155.1040,
-11.3903, -33.4172

■ 46.8900, 20.7602,
61.4865

■ 162.4900,
-13.5526, -39.8947

■ 45.0150, 21.1916,
63.1308

■ 169.2890,
-15.4255, -45.8575

Harmonies

Analogous

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



104.0740, 7.8515, 1.6891



104.6900, 3.6038, 10.7959



104.7570, -1.3592, 15.9991

Triad

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



104.6900, 3.6038, 10.7959



102.2260, -9.4784, 6.8178



99.0020, 6.9010, -20.1728

Complementary

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



104.6900, 3.6038, 10.7959



109.3100, -3.6038, -10.7959

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.



99.1610, 2.3856, -18.5582



104.6900, 3.6038, 10.7959



101.3280, -7.5567, -2.9187

Square

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



104.6900, 3.6038, 10.7959



103.3840, -9.0633, 13.6952



100.0110, -3.4564, -11.4106



100.1210, 9.8003, -16.7691

Rectangle

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



104.6900, 3.6038, 10.7959



104.2580, -4.5642, 17.3137



100.0110, -3.4564, -11.4106



99.2470, 5.3012, -20.3876

Sweetspot

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



104.6900, 3.6038, 10.7959



148.0760, 1.4415, 4.3183



100.7750, 7.9989, 1.0743



73.8370, 0.5734, 2.7740



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.6900, 3.6038, 10.7959



133.3040, 5.7661, 17.2734



103.5500, -0.7641, 11.7957



55.2500, 0.8628, 3.2888



46.9660, 22.2018, 65.8048



96.0680, 44.8295, 134.9984

Inverse Universe

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



104.6900, 3.6038, 10.7959



133.3040, 5.7661, 17.2734



110.4500, 0.7641, -11.7957



55.2500, 0.8628, 3.2888



46.9660, 22.2018, 65.8048



96.0680, 44.8295, 134.9984

Previews

White Background



This preview shows how the YUV color 104.6900, 3.6038, 10.7959 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 104.6900, 3.6038, 10.7959 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 104.6900, 3.6038, 10.7959

Background



This preview shows how black text looks on a background with the YUV color 104.6900, 3.6038, 10.7959.



This preview shows how white text looks on a background with the YUV color 104.6900, 3.6038,

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

104.6900, 3.6038, 10.7959

Protanopia

103.1830, 5.8258, -1.9145

Deuteranopia

103.9450, 3.4781, 4.4332



Tritanopia

104.2940, 0.8411, 10.2662

Trichromacy



Original Color

104.6900, 3.6038, 10.7959

Protanomaly

103.6890, 5.0833, 2.9037

Deuteranomaly

104.2550, 3.3253, 6.7924

Tritanomaly

104.5220, 1.7147, 10.0662

Monochromacy



Original Color

104.6900, 3.6038, 10.7959

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6900, 3.6038, 10.7959 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(117, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(117, 97, 112)  
}
```

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(117, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 97, 112) }
```

Border

The CSS property to change the border of an element to YUV 104.6900, 3.6038, 10.7959 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(117, 97, 112) }
```


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

```
.border{ border-color:rgb(117, 97, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 97, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(117, 97,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 104.6900, 3.6038, 10.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 97, 112) }
```

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

```
.background{ background-color: rgb(117, 97,  
112) }
```

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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