

Converting Colors

YUV(104.7210, 6.5465, 0.2447)

Have a look what the booklet for
YUV(104.7210, 6.5465, 0.2447)
contains.

YUV(104.7210, 6.5465, 0.2447)	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(104.7210, 6.5465,
0.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	696676
RGB	105, 102, 118
RGB Percent	41%, 40%, 46%
CMY	0.5882, 0.6000, 0.5373
CMYK	0.11, 0.14, 0.00, 0.54
HSL	251°, 7%, 43%
HSV	251°, 14%, 46%
XYZ	13.8471, 13.8140, 19.0761
YIQ	104.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

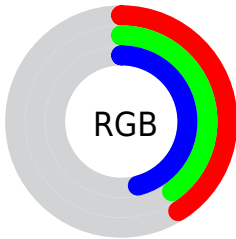
Format	Color
R_{YB}	105, 102, 118
Decimal	6907510
CIE _{Lab}	43.97, 4.62, -8.52
CIE _{LCh}	44, 9.696, 298.479
Yxy	13.8140, 0.2963, 0.2956
Android (android.graphics.Color)	4285097590 (0xFF696676)
YUV	104.7210, 6.5465, 0.2447
Hunter-Lab	37.1672, 1.4597, -4.4136

Details

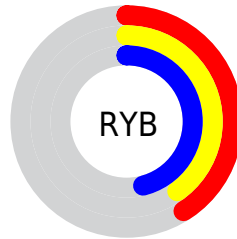
The YUV color **104.7210, 6.5465, 0.2447** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.2790, -6.5465, -0.2447**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8350, 6.9833, 0.1447**, and **57.6070, 6.1097, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **94.6870, 11.4933, 0.2745**, and if you desaturate by 10%, it is **114.7550, 1.5998, 0.2149**.

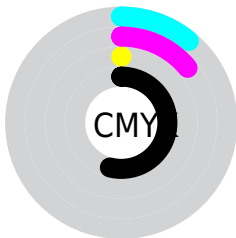
Distribution



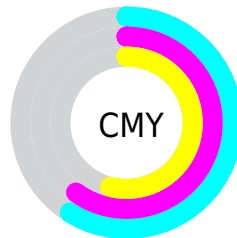
- Red (41%)
- Green (40%)
- Blue (46%)



- Red (41%)
- Yellow (40%)
- Blue (46%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7210, 6.5465, 0.2447 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 104.7210, 6.5465, 0.2447 by changing the saturation by 10% instead.

■ 104.7210, 6.5465,
0.2447

■ 104.7210, 6.5465,
0.2447

■ 255.0000, 0.0000,
0.0000

■ 80.6070, 6.1097,
0.3447

■ 155.8350, 6.9833,
0.1447

■ 57.6070, 6.1097,
0.3447

■ 182.8350, 6.9833,
0.1447

■ 36.0800, 5.3836,
-0.0702

■ 210.2480, 7.2727,
0.6595

■ 14.9060, 5.9623,
0.9594

■ 238.3620, 7.7095,
0.5595

■ 0.0000, 0.0000,
0.0000

■ 104.7210, 6.5465,

■ 104.7210, 6.5465,

0.2447

0.2447

■ 94.6870, 11.4933,
0.2745

■ 114.7550, 1.5998,
0.2149

■ 84.9520, 16.2927,
0.9191

■ 124.4900, -3.1996,
-0.4297

■ 75.5050, 20.9500,
0.4341

■ 133.9370, -7.8569,
0.0553

■ 65.7700, 25.7494,
1.0787

■ 143.6720,
-12.6563, -0.5893

■ 55.7360, 30.6962,
1.1085

■ 153.7060,
-17.6031, -0.6192

■ 45.7020, 35.6429,
1.1383

■ 163.7400,
-22.5498, -0.6490

■ 35.9670, 40.4423,
1.7829

■ 173.4750,
-27.3492, -1.2936

■ 26.5200, 45.0996,
1.2980

■ 182.9220,
-32.0065, -0.8086

■ 20.0300, 48.2992,
1.7277

■ 192.6570,
-36.8059, -1.4532

Harmonies

Analogous

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



103.7200, 8.0260, -7.6474



104.7210, 6.5465, 0.2447



105.5540, 3.1779, 7.4071

Triad

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



104.7210, 6.5465, 0.2447



104.8290, -7.3107, 11.5510



101.4390, 0.7696, -13.5400

Complementary

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



104.7210, 6.5465, 0.2447



115.2790, -6.5465, -0.2447

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.



102.0330, -3.4673, -7.9219



104.7210, 6.5465, 0.2447



103.6820, -7.7312, 6.4179

Square

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



104.7210, 6.5465, 0.2447



105.3500, -4.1165, 13.7251



102.9800, -6.3991, -0.8595



100.8670, 4.9956, -15.6694

Rectangle

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



104.7210, 6.5465, 0.2447



105.5930, 0.6937, 10.8809



102.9800, -6.3991, -0.8595



101.1080, -0.5462, -11.4957

Sweetspot

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



104.7210, 6.5465, 0.2447



147.9830, 2.4734, 0.0149



111.4550, 3.2267, -8.2920



73.4560, 1.7472, -0.3999



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.



104.7210, 6.5465, 0.2447



132.9320, 9.8935, 0.0596



107.1130, 5.3673, 5.1629



53.9830, 2.4734, 0.0149



20.7850, 49.8990, 1.9426



42.5530, 102.2714, 3.9000

Inverse Universe

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



108.2660, 3.3199, 8.5367



138.3420, 4.7614, 12.8551



112.8870, -5.3673, -5.1629



55.3640, 1.2995, 3.1888



47.7640, 25.2593, 65.1050



97.8920, 51.8182, 133.3987

Previews

White Background



This preview shows how the YUV color 104.7210, 6.5465, 0.2447 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 104.7210, 6.5465, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

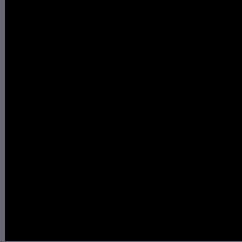
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7210, 6.5465, 0.2447

Background



This preview shows how black text looks on a background with the YUV color 104.7210, 6.5465, 0.2447.



This preview shows how white text looks on a background with the YUV color 104.7210, 6.5465,

0.2447.

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

104.7210, 6.5465, 0.2447

Protanopia

104.2260, 7.2836, -2.8292

Deuteranopia

104.7320, 6.5411, 1.9890



Tritanopia

104.2110, 3.3470, -0.1850

Trichromacy



Original Color

104.7210, 6.5465, 0.2447

Protanomaly

104.5250, 7.1362, -2.2144

Deuteranomaly

104.4330, 6.6885, 1.3743

Tritanomaly

104.5530, 4.6574, -0.4850

Monochromacy



Original Color

104.7210, 6.5465, 0.2447

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7210, 6.5465, 0.2447 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(105, 102, 118)` looks like.

```
.text, #text, p{  
    color:rgb(105, 102, 118)  
}
```

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(105, 102, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 102, 118) }
```

Border

The CSS property to change the border of an element to YUV 104.7210, 6.5465, 0.2447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

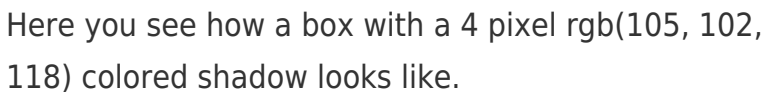
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 102, 118) }
```


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

```
.border{ border-color:rgb(105, 102, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 102, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 102, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 102, 118); box-shadow:4px 4px 4px 4px rgb(105, 102, 118) }
```

Background

The CSS property to change the background color of an element to YUV 104.7210, 6.5465, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 102, 118) }
```

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

```
.background{ background-color: rgb(105,  
102, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor