

Converting Colors

YUV(104.8590, 0.5625, 6.2627)

Have a look what the booklet for
YUV(104.8590, 0.5625, 6.2627)
contains.

YUV(104.8590, 0.5625, 6.2627)	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(104.8590, 0.5625,
6.2627)**

Conversions

Conversions Part 1

Format	Color
Hex	70656A
RGB	112, 101, 106
RGB Percent	44%, 40%, 42%
CMY	0.5608, 0.6039, 0.5843
CMYK	0.00, 0.10, 0.05, 0.56
HSL	333°, 5%, 42%
HSV	333°, 10%, 44%
XYZ	13.9373, 13.7927, 15.5634
YIQ	104.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

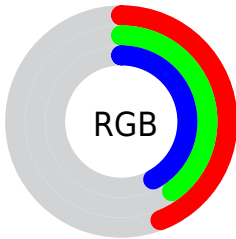
Format	Color
R_{YB}	112, 101, 106
Decimal	7365994
CIE Lab	43.93, 5.33, -1.24
CIE LCh	44, 5.468, 346.934
Yxy	13.7927, 0.3219, 0.3186
Android (android.graphics.Color)	4285556074 (0xFF70656A)
YUV	104.8590, 0.5625, 6.2627
Hunter-Lab	37.1385, 1.9947, 1.1508

Details

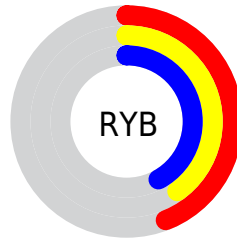
The YUV color **104.8590, 0.5625, 6.2627** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.1410, -0.5625, -6.2627**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1580, 0.4151, 6.8774**, and **57.5600, 0.7099, 5.6479** is the 20% darker color. If you saturate the color by 10%, you get **97.7180, 1.1250, 12.5253**, and if you desaturate by 10%, it is **112.0000, 0.0000, 0.0000**.

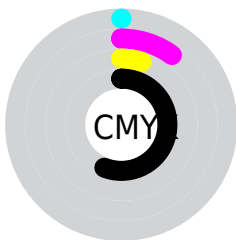
Distribution



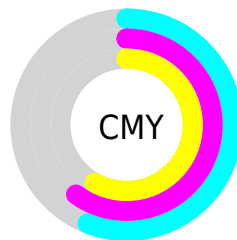
- Red (44%)
- Green (40%)
- Blue (42%)



- Red (44%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8590, 0.5625, 6.2627 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 104.8590, 0.5625, 6.2627 by changing the saturation by 10% instead.

■ 104.8590, 0.5625,
6.2627

■ 104.8590, 0.5625,
6.2627

255.0000, 0.0000,
0.0000

■ 80.8590, 0.5625,
6.2627

■ 156.1580, 0.4151,
6.8774

■ 57.5600, 0.7099,
5.6479

■ 183.1580, 0.4151,
6.8774

■ 36.1470, 0.4205,
5.1331

■ 210.5710, 0.7045,
7.3922

■ 14.2720, 0.8519,
6.7775

■ 238.5710, 0.7045,
7.3922

■ 0.0000, 0.0000,
0.0000

■ 104.8590, 0.5625,

■ 104.8590, 0.5625,

6.2627

97.7180, 1.1250,
12.5253

90.5770, 1.6875,
18.7880

82.8490, 2.5394,
25.5654

75.7080, 3.1020,
31.8281

68.4530, 3.2277,
38.1907

61.3120, 3.7902,
44.4534

54.1710, 4.3527,
50.7160

46.4430, 5.2046,
57.4935

6.2627

112.0000, 0.0000,
0.0000

119.1410, -0.5625,
-6.2627

126.8690, -1.4144,
-13.0401

134.0100, -1.9769,
-19.3028

141.2650, -2.1026,
-25.6654

148.4060, -2.6652,
-31.9281

155.5470, -3.2277,
-38.1907

163.2750, -4.0796,
-44.9682

■ 39.3020, 5.7671,
63.7561

■ 170.4160, -4.6421,
-51.2308

Harmonies

Analogous

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



104.7060, 2.6099, 2.8888



104.8590, 0.5625, 6.2627



104.8870, -1.9163, 7.9921

Triad

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



104.8590, 0.5625, 6.2627



103.2730, -4.0786, 1.5146



102.8680, 3.5161, -7.7772

Complementary

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



104.8590, 0.5625, 6.2627



108.1410, -0.5625, -6.2627

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.



102.7000, 1.6269, -8.5069



104.8590, 0.5625, 6.2627



103.2940, -2.6099, -2.8888

Square

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



104.8590, 0.5625, 6.2627



104.1810, -4.5262, 5.1033



102.2550, -0.1257, -6.3626



103.5200, 4.6736, -5.7180

Rectangle

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



104.8590, 0.5625, 6.2627



104.6590, -2.7899, 8.1921



102.2550, -0.1257, -6.3626



102.4550, 3.2267, -8.2920

Sweetspot

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



104.8590, 0.5625, 6.2627



142.4240, 0.2840, 2.2592



104.0480, 3.9203, 2.5889



72.0110, -0.0054, 1.7444



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



104.8590, 0.5625, 6.2627



133.9950, 0.9885, 9.6514



104.2890, -1.6215, 6.7625



52.1360, 0.4260, 3.3887



42.0360, 5.8983, 68.3744



86.6210, 12.5118, 140.6524

Inverse Universe

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



104.8590, 0.5625, 6.2627



133.9950, 0.9885, 9.6514



108.7110, 1.6215, -6.7625



52.1360, 0.4260, 3.3887



42.0360, 5.8983, 68.3744



86.6210, 12.5118, 140.6524

Previews

White Background



This preview shows how the YUV color 104.8590, 0.5625, 6.2627 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 104.8590, 0.5625, 6.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

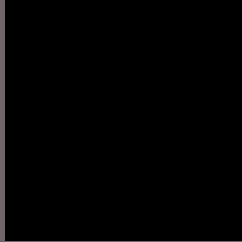
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.8590, 0.5625, 6.2627

Background



This preview shows how black text looks on a background with the YUV color 104.8590, 0.5625, 6.2627.



This preview shows how white text looks on a background with the YUV color 104.8590, 0.5625,

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

104.8590, 0.5625, 6.2627

Protanopia

104.0540, 1.4524, 0.8296

Deuteranopia

105.1580, 0.4151, 6.8774



Tritanopia

105.0870, 1.4361, 6.0627

Trichromacy



Original Color

104.8590, 0.5625, 6.2627

Protanomaly

104.3640, 1.2995, 3.1888

Deuteranomaly

105.1580, 0.4151, 6.8774

Tritanomaly

104.9730, 0.9993, 6.1627

Monochromacy



Original Color

104.8590, 0.5625, 6.2627

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8590, 0.5625, 6.2627 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(112, 101, 106)` looks like.

```
.text, #text, p{  
    color:rgb(112, 101, 106)  
}
```

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(112, 101, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 101, 106) }
```

Border

The CSS property to change the border of an element to YUV 104.8590, 0.5625, 6.2627 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(112, 101, 106) }
```


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

```
.border{ border-color:rgb(112, 101, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 101, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 101, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 101, 106);  
box-shadow:4px 4px 4px 4px rgb(112, 101,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 104.8590, 0.5625, 6.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 101, 106) }
```

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

```
.background{ background-color: rgb(112,  
101, 106) }
```

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