

Converting Colors

YUV(84.0490, 5.8918, 23.6360)

Have a look what the booklet for
YUV(84.0490, 5.8918, 23.6360)
contains.

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Color

**YUV(84.0490, 5.8918,
23.6360)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F4460 |
| RGB | 111, 68, 96 |
| RGB Percent | 44%, 27%, 38% |
| CMY | 0.5647, 0.7333, 0.6235 |
| CMYK | 0.00, 0.39, 0.14, 0.56 |
| HSL | 321°, 24%, 35% |
| HSV | 321°, 39%, 44% |
| XYZ | 10.7340, 8.3583, 12.1139 |
| YIQ | 84.0490, 16.6400, 17.8240 |

Conversions

Conversions Part 2

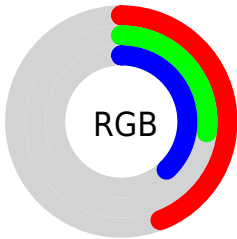
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 111, 68, 96 |
| Decimal | 7292000 |
| CIE Lab | 34.72, 23.07, -8.75 |
| CIE LCh | 35, 24.672, 339.236 |
| Yxy | 8.3583, 0.3440, 0.2678 |
| Android (android.graphics.Color) | 4285482080 (0xFF6F4460) |
| YUV | 84.0490, 5.8918, 23.6360 |
| Hunter-Lab | 28.9107, 15.6799, -4.6057 |

Details

The YUV color **84.0490, 5.8918, 23.6360** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.9510, -5.8918, -23.6360**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4730, 6.1758, 25.8952**, and **37.7390, 6.0447, 21.2769** is the 20% darker color. If you saturate the color by 10%, you get **77.1360, 7.3280, 29.6987**, and if you desaturate by 10%, it is **90.9620, 4.4557, 17.5733**.

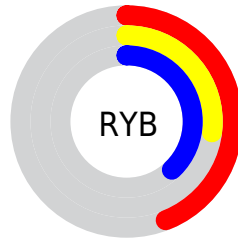
Distribution



Red (44%)

Green (27%)

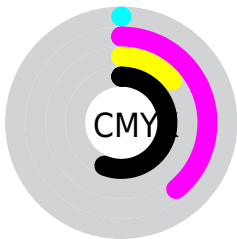
Blue (38%)



Red (44%)

Yellow (27%)

Blue (38%)

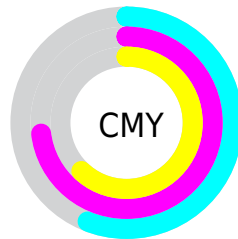


Cyan (0%)

Magenta (39%)

Yellow (14%)

Black (56%)



Cyan (56%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0490, 5.8918, 23.6360 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 84.0490, 5.8918, 23.6360 by changing the saturation by 10% instead.

84.0490, 5.8918,
23.6360

84.0490, 5.8918,
23.6360

255.0000, 0.0000,
0.0000

60.3370, 5.7499,
22.5065

134.4730, 6.1758,
25.8952

37.7390, 6.0447,
21.2769

160.7720, 6.0284,
26.5100

15.2660, 6.7709,
21.6917

188.0710, 5.8810,
27.1247

0.2990, -0.1474,
0.6148

215.8970, 6.4598,
28.1543

0.0000, 0.0000,
0.0000

237.3900, 8.6817,
15.4440

254.4130, 0.2894,

0.5148

■ 84.0490, 5.8918,
23.6360

■ 84.0490, 5.8918,
23.6360

■ 77.1360, 7.3280,
29.6987

■ 90.9620, 4.4557,
17.5733

■ 70.2230, 8.7641,
35.7614

■ 97.8750, 3.0196,
11.5106

■ 63.3100, 10.2002,
41.8241

■ 104.7880, 1.5835,
5.4479

■ 56.5110, 12.0731,
47.7869

■ 111.5870, -0.2894,
-0.5148

■ 49.0110, 13.7986,
54.3644

■ 119.0870, -2.0149,
-7.0923

■ 42.0980, 15.2347,
60.4271

■ 126.0000, -3.4510,
-13.1550

■ 41.3970, 15.0873,
61.0418

■ 132.9130, -4.8871,
-19.2177

■ 139.8260, -6.3232,
-25.2804

■ 146.7390, -7.7593,
-31.3431

Harmonies

Analogous

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



83.7140, 13.9450, 7.2668



84.0490, 5.8918, 23.6360



82.9870, -3.4446, 31.5834

Triad

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



84.0490, 5.8918, 23.6360



79.2340, -18.3564, 7.6878



65.5010, 19.9660, -57.4444

Complementary

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



84.0490, 5.8918, 23.6360



94.9510, -5.8918, -23.6360

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.



64.2210, 11.2300, -55.4448



84.0490, 5.8918, 23.6360



77.3890, -13.5028, -9.1112

Square

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



84.0490, 5.8918, 23.6360



81.4360, -17.9629, 21.5426



73.6130, -3.2602, -27.7246



70.8000, 23.2696, -43.6746

Rectangle

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



84.0490, 5.8918, 23.6360



82.6790, -9.7017, 31.8535



73.6130, -3.2602, -27.7246



65.4040, 17.0558, -57.3593

Sweetspot

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



84.0490, 5.8918, 23.6360



134.3370, 2.2989, 9.3515



77.0880, 16.7186, 4.3078



67.6740, 1.1467, 5.5479



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.



84.0490, 5.8918, 23.6360



103.0490, 9.3428, 36.7910



81.6550, -3.2809, 25.7356



52.2500, 0.8628, 3.2888



44.7720, 16.3814, 65.9750



92.2070, 33.9149, 135.7535

Inverse Universe

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



84.0490, 5.8918, 23.6360



103.0490, 9.3428, 36.7910



97.3450, 3.2809, -25.7356



52.2500, 0.8628, 3.2888



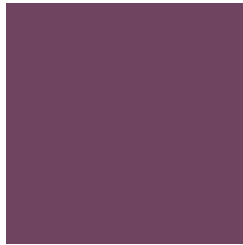
44.7720, 16.3814, 65.9750



92.2070, 33.9149, 135.7535

Previews

White Background



This preview shows how the YUV color 84.0490, 5.8918, 23.6360 looks on a white background.

Color Contrast Check

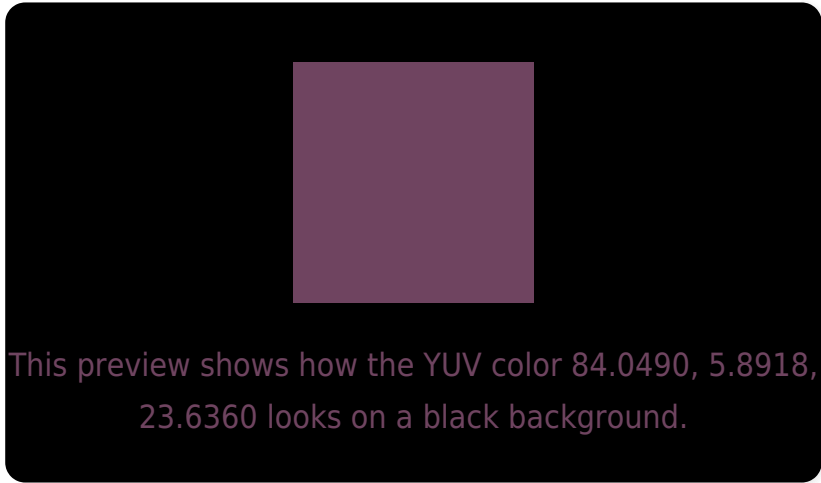
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

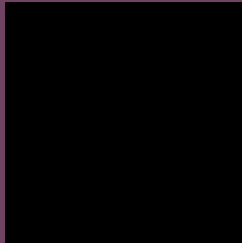
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0490, 5.8918, 23.6360

Background



This preview shows how black text looks on a background with the YUV color 84.0490, 5.8918, 23.6360.



This preview shows how white text looks on a background with the YUV color 84.0490, 5.8918,

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

84.0490, 5.8918, 23.6360

Protanopia

82.2410, 11.2202, -5.4734

Deuteranopia

82.7920, 5.5255, 1.0594



Tritanopia

83.6330, -3.2701, 22.2469

Trichromacy



Original Color

84.0490, 5.8918, 23.6360

Protanomaly

82.8510, 9.4405, 5.3927

Deuteranomaly

83.5480, 5.6458, 9.1664

Tritanomaly

84.1430, -0.0705, 22.6766

Monochromacy



Original Color

84.0490, 5.8918, 23.6360

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9240, 2.0095, 8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0490, 5.8918, 23.6360 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(111, 68, 96)` looks like.

```
.text, #text, p{  
    color:rgb(111, 68, 96)  
}
```

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(111, 68, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 68, 96) }
```

Border

The CSS property to change the border of an element to YUV 84.0490, 5.8918, 23.6360 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(111, 68, 96) }
```


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

```
.border{ border-color:rgb(111, 68, 96) }
```

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

Here you see how a box with a 4 pixel rgb(111, 68, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 68, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 68, 96);  
box-shadow:4px 4px 4px 4px rgb(111, 68,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 84.0490, 5.8918, 23.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 68, 96) }
```

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

```
.background{ background-color: rgb(111, 68,  
96) }
```

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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