

Converting Colors

YUV(85.2060, 7.7864, 22.6213)

Have a look what the booklet for
YUV(85.2060, 7.7864, 22.6213)
contains.

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Color

**YUV(85.2060, 7.7864,
22.6213)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F4565 |
| RGB | 111, 69, 101 |
| RGB Percent | 44%, 27%, 40% |
| CMY | 0.5647, 0.7294, 0.6039 |
| CMYK | 0.00, 0.38, 0.09, 0.56 |
| HSL | 314°, 23%, 35% |
| HSV | 314°, 38%, 44% |
| XYZ | 11.0326, 8.5753, 13.3856 |
| YIQ | 85.2060, 14.7600, 18.8560 |

Conversions

Conversions Part 2

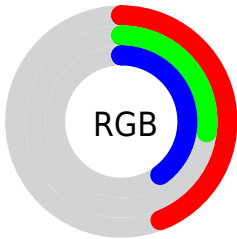
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 111, 69, 101 |
| Decimal | 7292261 |
| CIE _{Lab} | 35.15, 23.41, -11.25 |
| CIE _{LCh} | 35, 25.977, 334.335 |
| Yxy | 8.5753, 0.3344, 0.2599 |
| Android (android.graphics.Color) | 4285482341 (0xFF6F4565) |
| YUV | 85.2060, 7.7864, 22.6213 |
| Hunter-Lab | 29.2837, 16.0035, -6.6030 |

Details

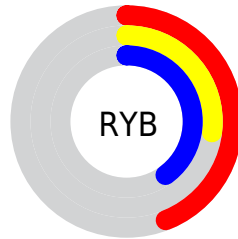
The YUV color **85.2060, 7.7864, 22.6213** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.7940, -7.7864, -22.6213**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3310, 8.2178, 24.2657**, and **38.7820, 7.5025, 20.3622** is the 20% darker color. If you saturate the color by 10%, you get **78.4070, 9.6593, 28.5841**, and if you desaturate by 10%, it is **92.0050, 5.9135, 16.6586**.

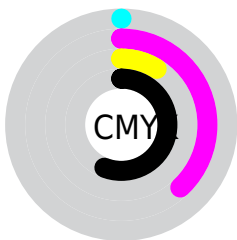
Distribution



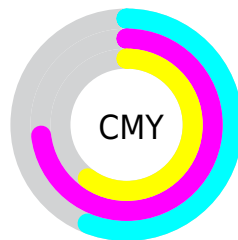
- Red (44%)
- Green (27%)
- Blue (40%)



- Red (44%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2060, 7.7864, 22.6213 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 85.2060, 7.7864, 22.6213 by changing the saturation by 10% instead.

85.2060, 7.7864,
22.6213

85.2060, 7.7864,
22.6213

255.0000, 0.0000,
0.0000

61.4940, 7.6445,
21.4918

135.3310, 8.2178,
24.2657

38.7820, 7.5025,
20.3622

162.0430, 8.3598,
25.3953

16.3090, 8.2287,
20.7770

189.3420, 8.2124,
26.0101

1.6950, 2.6154,
1.1445

217.0540, 8.3544,
27.1396

0.0000, 0.0000,
0.0000

237.9770, 8.3923,
14.9292

85.2060, 7.7864,
22.6213

85.2060, 7.7864,
22.6213

78.4070, 9.6593,
28.5841

92.0050, 5.9135,
16.6586

71.7220, 11.9691,
34.4468

98.6900, 3.6038,
10.7959

64.9230, 13.8420,
40.4095

105.4890, 1.7309,
4.8331

58.1240, 15.7149,
46.3723

112.2880, -0.1420,
-1.1296

50.8520, 18.3140,
52.7498

118.9730, -2.4517,
-6.9923

44.0530, 20.1869,
58.7125

126.3590, -4.6140,
-13.4698

42.8790, 20.7657,
59.7421

133.0440, -6.9237,
-19.3326

139.8430, -8.7966,

-25.2953

■ 146.6420,
-10.6695, -31.2580

Harmonies

Analogous

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



84.5610, 15.9924, 3.8930



85.2060, 7.7864, 22.6213



84.3400, -2.1396, 33.0278

Triad

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



85.2060, 7.7864, 22.6213



80.6150, -19.5302, 10.8616



66.5610, 18.9504, -58.3740

Complementary

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



85.2060, 7.7864, 22.6213



94.7940, -7.7864, -22.6213

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.



64.8680, 9.9251, -56.8892



85.2060, 7.7864, 22.6213



78.2430, -15.4028, -6.3521

Square

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



85.2060, 7.7864, 22.6213



82.1590, -17.8264, 24.4166



74.7550, -5.3022, -26.0951



66.5100, 26.3706, -58.3293

Rectangle

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



85.2060, 7.7864, 22.6213



83.4450, -8.1074, 33.8127



74.7550, -5.3022, -26.0951



65.8770, 16.3296, -57.7741

Sweetspot

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



85.2060, 7.7864, 22.6213



135.2660, 3.3199, 8.5367



76.7780, 16.8714, 1.9487



67.9020, 2.0203, 5.3479



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.



85.2060, 7.7864, 22.6213



105.1350, 12.2584, 34.9616



82.8120, -1.3863, 24.7209



52.3640, 1.2995, 3.1888



46.2540, 22.0598, 64.6752



95.2850, 45.7085, 133.0541

Inverse Universe

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



85.2060, 7.7864, 22.6213



105.1350, 12.2584, 34.9616



97.1880, 1.3863, -24.7209



52.3640, 1.2995, 3.1888



46.2540, 22.0598, 64.6752



95.2850, 45.7085, 133.0541

Previews

White Background



This preview shows how the YUV color 85.2060, 7.7864, 22.6213 looks on a white background.

Color Contrast Check

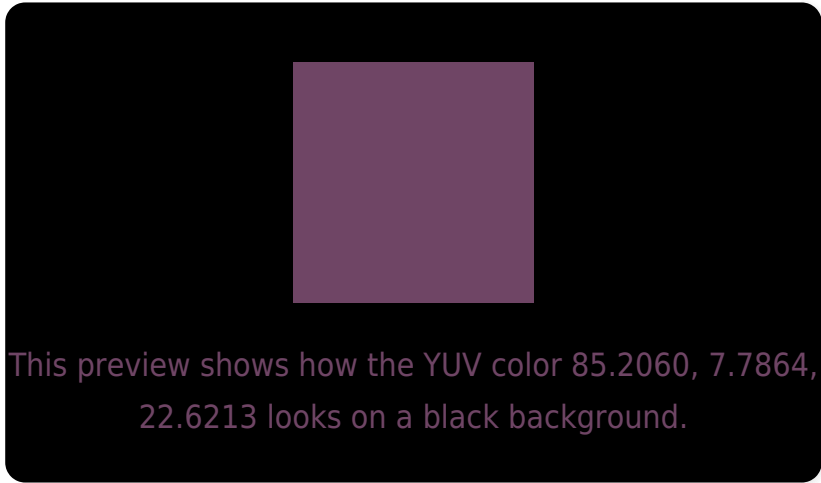
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.2060, 7.7864, 22.6213

Background



This preview shows how black text looks on a background with the YUV color 85.2060, 7.7864, 22.6213.



This preview shows how white text looks on a background with the YUV color 85.2060, 7.7864,

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

85.2060, 7.7864, 22.6213

Protanopia

83.0990, 13.2622, -7.1028

Deuteranopia

83.6500, 7.5675, -0.5701



Tritanopia

84.1490, -2.5385, 20.9173

Trichromacy



Original Color

85.2060, 7.7864, 22.6213

Protanomaly

83.7090, 11.4825, 3.7632

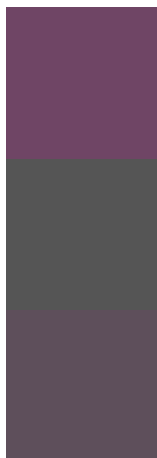
Deuteranomaly

84.4060, 7.6878, 7.5369

Tritanomaly

84.7730, 1.0979, 21.2471

Monochromacy



Original Color

85.2060, 7.7864, 22.6213

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8530, 3.0305, 8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2060, 7.7864, 22.6213 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, 69, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 69, 101)  
}
```

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, 69, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 69, 101) }
```

Border

The CSS property to change the border of an element to YUV 85.2060, 7.7864, 22.6213 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, 69, 101) }
```


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

```
.border{ border-color:rgb(111, 69, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 69, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 69, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 69, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 69,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 85.2060, 7.7864, 22.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 69, 101) }
```

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

```
.background{ background-color: rgb(111, 69,  
101) }
```

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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