

Converting Colors

YUV(85.5340, 20.4427, 23.2107)

Have a look what the booklet for
YUV(85.5340, 20.4427, 23.2107)
contains.

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Color

**YUV(85.5340, 20.4427,
23.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	70407F
RGB	112, 64, 127
RGB Percent	44%, 25%, 50%
CMY	0.5608, 0.7490, 0.5020
CMYK	0.12, 0.50, 0.00, 0.50
HSL	286°, 33%, 37%
HSV	286°, 50%, 50%
XYZ	12.3463, 8.6438, 21.0964
YIQ	85.5340, 8.3850, 29.7690

Conversions

Conversions Part 2

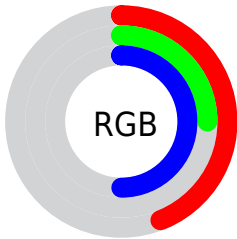
Format	Color
R_{YB}	112, 64, 127
Decimal	7356543
CIE _{Lab}	35.29, 32.15, -27.30
CIE _{LCh}	35, 42.176, 319.662
Yxy	8.6438, 0.2934, 0.2054
Android (android.graphics.Color)	4285546623 (0xFF70407F)
YUV	85.5340, 20.4427, 23.2107
Hunter-Lab	29.4004, 23.5076, -21.9635

Details

The YUV color **85.5340, 20.4427, 23.2107** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **105.4660, -20.4427, -23.2107**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1860, 21.6003, 25.2699**, and **37.2950, 19.5746, 21.6663** is the 20% darker color. If you saturate the color by 10%, you get **77.0060, 24.6470, 28.0587**, and if you desaturate by 10%, it is **94.0620, 16.2384, 18.3626**.

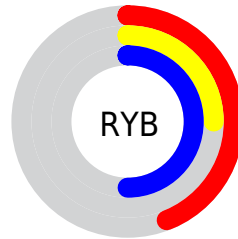
Distribution



Red (44%)

Green (25%)

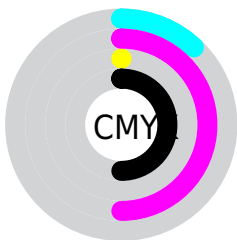
Blue (50%)



Red (44%)

Yellow (25%)

Blue (50%)

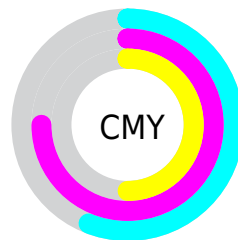


Cyan (12%)

Magenta (50%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5340, 20.4427, 23.2107 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 85.5340, 20.4427, 23.2107 by changing the saturation by 10% instead.

85.5340, 20.4427,
23.2107

85.5340, 20.4427,
23.2107

255.0000, 0.0000,
0.0000

61.1210, 20.1533,
22.6959

136.1860, 21.6003,
25.2699

37.2950, 19.5746,
21.6663

163.0120, 22.1791,
26.2995

17.8170, 17.8382,
18.5775

190.4250, 22.4685,
26.8143

6.1540, 13.2351,
1.6189

217.6980, 18.3899,
28.3289

0.5700, 2.1840,
-0.4999

235.6290, 9.5499,
16.9884

0.0000, 0.0000,
0.0000

252.0650, 1.4470,

2.5740

■ 85.5340, 20.4427,
23.2107

■ 85.5340, 20.4427,
23.2107

■ 77.0060, 24.6470,
28.0587

■ 94.0620, 16.2384,
18.3626

■ 69.0650, 28.5620,
32.3920

■ 102.0030, 12.3235,
14.0294

■ 60.5370, 32.7663,
37.2401

■ 110.5310, 8.1192,
9.1813

■ 52.0090, 36.9706,
42.0881

■ 119.0590, 3.9149,
4.3333

■ 43.4810, 41.1749,
46.9362

■ 127.5870, -0.2894,
-0.5148

■ 135.5280, -4.2043,
-4.8481

■ 144.0560, -8.4086,
-9.6961

■ 152.5840,
-12.6129, -14.5442

■ 160.5250,
-16.5278, -18.8774

Harmonies

Analogous

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



81.0710, 32.5030, -18.4793



85.5340, 20.4427, 23.2107



82.7300, 6.5421, 48.4718

Triad

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



85.5340, 20.4427, 23.2107



79.0010, -35.0035, 27.1861



70.0830, 17.2141, -61.4628

Complementary

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



85.5340, 20.4427, 23.2107



105.4660, -20.4427, -23.2107

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.



65.5060, 2.2155, -57.4488



85.5340, 20.4427, 23.2107



76.3030, -33.1804, 2.3653

Square

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



85.5340, 20.4427, 23.2107



80.0970, -23.7118, 45.5189



70.7470, -16.6373, -30.4731



72.2150, 30.4600, -63.3326

Rectangle

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



85.5340, 20.4427, 23.2107



80.7280, -3.8099, 55.4895



70.7470, -16.6373, -30.4731



68.7150, 11.9725, -60.2631

Sweetspot

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



85.5340, 20.4427, 23.2107



149.5310, 8.1192, 9.1813



80.5740, 22.8880, -14.5354



74.2980, 4.7831, 5.8777



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



85.5340, 20.4427, 23.2107



100.1240, 32.4769, 36.7253



88.1950, 11.2429, 34.0320



59.2930, 2.3206, 2.3740



43.5950, 41.6117, 46.8362



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.5470, -2.7347, 37.2313



98.6360, -4.2575, 59.0782



102.8050, -11.2429, -34.0320



59.3210, -0.1583, 4.1035



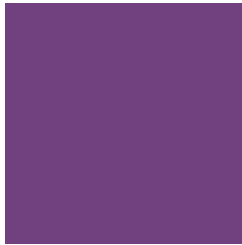
41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.5340, 20.4427, 23.2107 looks on a white background.

Color Contrast Check

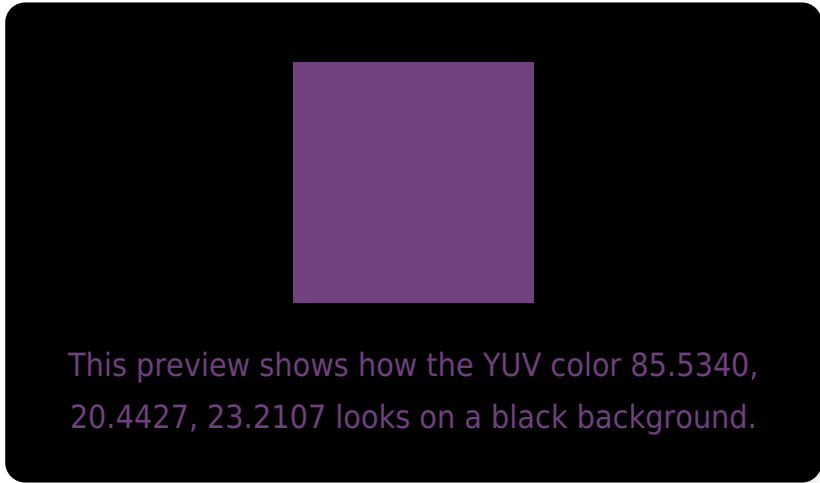
Large Text (above 18pt) WCAG AA ✓ Pass

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

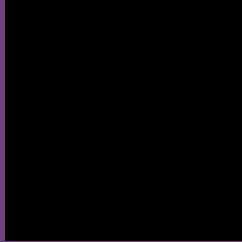
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5340, 20.4427, 23.2107

Background



This preview shows how black text looks on a background with the YUV color 85.5340, 20.4427, 23.2107.



This preview shows how white text looks on a background with the YUV color 85.5340, 20.4427,

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

85.5340, 20.4427, 23.2107

Protanopia

80.8920, 30.6192, -20.9533

Deuteranopia

82.4770, 19.9778, -14.4503



Tritanopia

84.6540, -1.8014, 17.8434

Trichromacy



Original Color

85.5340, 20.4427, 23.2107

Protanomaly

82.6660, 26.7867, -4.9691

Deuteranomaly

83.5650, 19.9345, -0.4955

Tritanomaly

85.1410, 6.3395, 20.0473

Monochromacy



Original Color

85.5340, 20.4427, 23.2107

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7050, 7.5404, 8.1517

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5340, 20.4427, 23.2107 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, 64, 127)` looks like.

```
.text, #text, p{  
    color:rgb(112, 64, 127)  
}
```

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, 64, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 64, 127) }
```

Border

The CSS property to change the border of an element to YUV 85.5340, 20.4427, 23.2107 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, 64, 127) }
```


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

```
.border{ border-color:rgb(112, 64, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 64, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 64, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 64, 127);  
box-shadow:4px 4px 4px 4px rgb(112, 64,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 85.5340, 20.4427, 23.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 64, 127) }
```

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

```
.background{ background-color: rgb(112, 64,  
127) }
```

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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