

Converting Colors

YUV(67.4230, 8.6655, 20.6770)

Have a look what the booklet for
YUV(67.4230, 8.6655, 20.6770)
contains.

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Color

**YUV(67.4230, 8.6655,
20.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3455
RGB	91, 52, 85
RGB Percent	36%, 20%, 33%
CMY	0.6431, 0.7961, 0.6667
CMYK	0.00, 0.43, 0.07, 0.64
HSL	309°, 27%, 28%
HSV	309°, 43%, 36%
XYZ	7.1821, 5.3360, 9.2457
YIQ	67.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

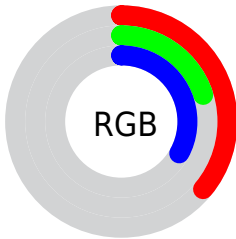
Format	Color
R_{YB}	91, 52, 85
Decimal	5977173
CIE _{Lab}	27.67, 23.15, -12.61
CIE _{LCh}	28, 26.359, 331.415
Yxy	5.3360, 0.3300, 0.2452
Android (android.graphics.Color)	4284167253 (0xFF5B3455)
YUV	67.4230, 8.6655, 20.6770
Hunter-Lab	23.0998, 15.0736, -7.5611

Details

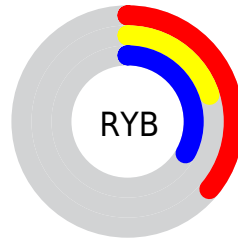
The YUV color **67.4230, 8.6655, 20.6770** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.5770, -8.6655, -20.6770**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5480, 9.0968, 22.3214**, and **22.4120, 8.6709, 18.9327** is the 20% darker color. If you saturate the color by 10%, you get **62.0260, 10.8332, 25.4102**, and if you desaturate by 10%, it is **72.8200, 6.4977, 15.9439**.

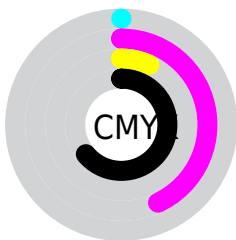
Distribution



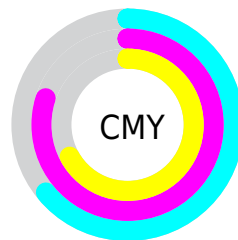
- Red (36%)
- Green (20%)
- Blue (33%)



- Red (36%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (7%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4230, 8.6655, 20.6770 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 67.4230, 8.6655, 20.6770 by changing the saturation by 10% instead.

67.4230, 8.6655,
20.6770

67.4230, 8.6655,
20.6770

255.0000, 0.0000,
0.0000

44.7110, 8.5235,
19.5475

116.5480, 9.0968,
22.3214

22.4120, 8.6709,
18.9327

142.2600, 9.2388,
23.4510

8.4450, 5.2036,
11.0107

168.6730, 9.5282,
23.9658

0.0000, 0.0000,
0.0000

196.3850, 9.6702,
25.0954

223.7980, 9.9596,
25.6102

242.6730, 6.0772,

10.8108

■ 67.4230, 8.6655,
20.6770

■ 67.4230, 8.6655,
20.6770

■ 62.0260, 10.8332,
25.4102

■ 72.8200, 6.4977,
15.9439

■ 56.5150, 12.5641,
30.2433

■ 78.3310, 4.7668,
11.1107

■ 51.1180, 14.7318,
34.9765

■ 83.7280, 2.5991,
6.3775

■ 45.6070, 16.4627,
39.8097

■ 89.2390, 0.8682,
1.5444

■ 39.6230, 18.9199,
45.0576

■ 95.2230, -1.5889,
-3.7036

■ 35.9870, 20.2194,
48.2464

■ 100.6200, -3.7567,
-8.4367

■ 106.1310, -5.4876,
-13.2699

■ 111.5280, -7.6553,
-18.0031

■ 117.0390, -9.3862,
-22.8362

Harmonies

Analogous

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



66.9520, 16.2927, 0.9191



67.4230, 8.6655, 20.6770



66.0840, -0.5344, 31.4983

Triad

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



67.4230, 8.6655, 20.6770



63.5010, -19.9670, 10.9616



53.8290, 15.8603, -47.2080

Complementary

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



67.4230, 8.6655, 20.6770



75.5770, -8.6655, -20.6770

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.



51.5490, 7.1243, -45.2085



67.4230, 8.6655, 20.6770



61.1400, -15.8450, -4.5078

Square

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



67.4230, 8.6655, 20.6770



64.3870, -16.9528, 24.2166



57.2390, -6.0338, -24.7656



53.6640, 22.8436, -47.0633

Rectangle

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



67.4230, 8.6655, 20.6770



65.4880, -6.6496, 32.8980



57.2390, -6.0338, -24.7656



53.0310, 12.8027, -46.5082

Sweetspot

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



67.4230, 8.6655, 20.6770



107.9670, 3.4673, 7.9219



58.2400, 16.1507, -0.2105



52.9020, 2.0203, 5.3479



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.4230, 8.6655, 20.6770



80.7540, 13.4323, 31.7877



65.2570, 0.3663, 22.5766



42.9510, 1.0102, 2.6740



43.4920, 24.4074, 58.3275



93.7770, 52.8609, 125.6066

Inverse Universe

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



67.4230, 8.6655, 20.6770



80.7540, 13.4323, 31.7877



77.7430, -0.3663, -22.5766



42.9510, 1.0102, 2.6740



43.4920, 24.4074, 58.3275



93.7770, 52.8609, 125.6066

Previews

White Background



This preview shows how the YUV color 67.4230, 8.6655, 20.6770 looks on a white background.

Color Contrast Check

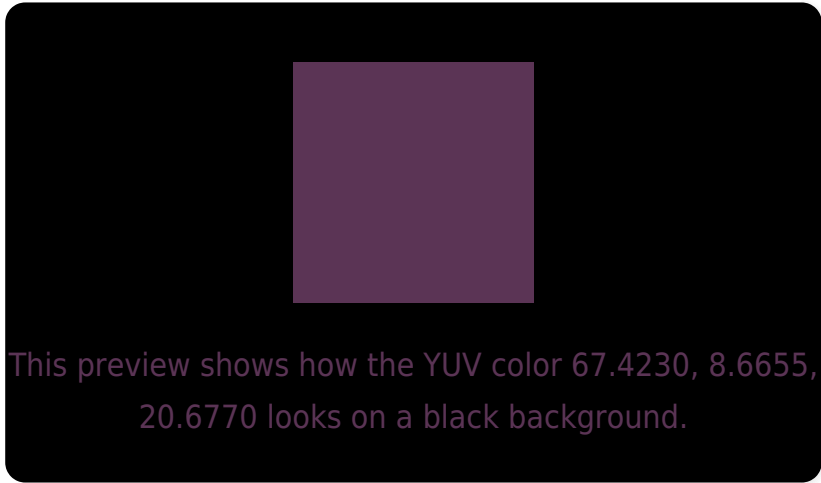
Large Text (above 18pt) WCAG AA ✓ Pass

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

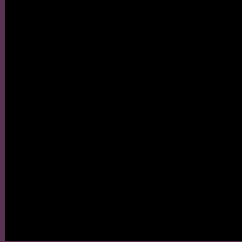
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4230, 8.6655, 20.6770

Background



This preview shows how black text looks on a background with the YUV color 67.4230, 8.6655, 20.6770.



This preview shows how white text looks on a background with the YUV color 67.4230, 8.6655,

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

67.4230, 8.6655, 20.6770

Protanopia

65.7290, 14.4306, -8.5323

Deuteranopia

66.4540, 8.1572, -3.0292



Tritanopia

66.7250, -2.8224, 18.6582

Trichromacy



Original Color

67.4230, 8.6655, 20.6770

Protanomaly

66.2250, 12.2141, 2.4337

Deuteranomaly

66.6230, 8.5669, 5.5926

Tritanomaly

66.8760, 1.5401, 19.4027

Monochromacy



Original Color

67.4230, 8.6655, 20.6770

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.5540, 3.1779, 7.4071

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4230, 8.6655, 20.6770 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(91, 52, 85)` looks like.

```
.text, #text, p{  
    color:rgb(91, 52, 85)  
}
```

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(91, 52, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 52, 85) }
```

Border

The CSS property to change the border of an element to YUV 67.4230, 8.6655, 20.6770 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(91, 52, 85) }
```


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

```
.border{ border-color:rgb(91, 52, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 52, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 52, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 52, 85);  
box-shadow:4px 4px 4px 4px rgb(91, 52, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4230, 8.6655, 20.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 52, 85) }
```

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

```
.background{ background-color: rgb(91, 52,  
85) }
```

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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