

Converting Colors

YUV(88.4320, 38.7340, 36.4551)

Have a look what the booklet for
YUV(88.4320, 38.7340, 36.4551)
contains.

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Color

**YUV(88.4320, 38.7340,
36.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	8234A7
RGB	130, 52, 167
RGB Percent	51%, 20%, 65%
CMY	0.4902, 0.7961, 0.3451
CMYK	0.22, 0.69, 0.00, 0.35
HSL	281°, 53%, 43%
HSV	281°, 69%, 65%
XYZ	17.4090, 9.9918, 37.5703
YIQ	88.4320, 9.5730, 52.3010

Conversions

Conversions Part 2

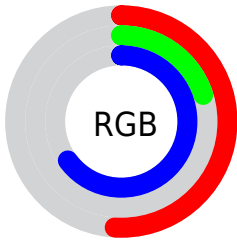
Format	Color
R_{YB}	130, 52, 167
Decimal	8533159
CIE _{Lab}	37.83, 51.94, -47.47
CIE _{LCh}	38, 70.364, 317.572
Yxy	9.9918, 0.2679, 0.1538
Android (android.graphics.Color)	4286723239 (0xFF8234A7)
YUV	88.4320, 38.7340, 36.4551
Hunter-Lab	31.6099, 42.9907, -48.3430

Details

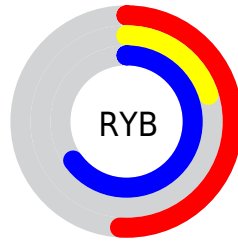
The YUV color **88.4320, 38.7340, 36.4551** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.5680, -38.7340, -36.4551**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6710, 39.6022, 37.9995**, and **35.7200, 38.5920, 35.3256** is the 20% darker color. If you saturate the color by 10%, you get **76.9580, 44.3907, 42.1328**, and if you desaturate by 10%, it is **99.9060, 33.0773, 30.7774**.

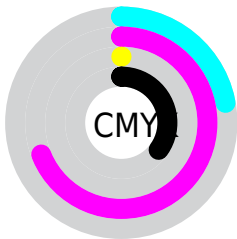
Distribution



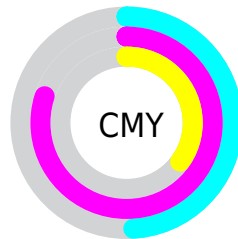
- Red (51%)
- Green (20%)
- Blue (65%)



- Red (51%)
- Yellow (20%)
- Blue (65%)



- Cyan (22%)
- Magenta (69%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4320, 38.7340, 36.4551 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 88.4320, 38.7340, 36.4551 by changing the saturation by 10% instead.

88.4320, 38.7340,
36.4551

88.4320, 38.7340,
36.4551

255.0000, 0.0000,
0.0000

60.2580, 39.3128,
37.4847

142.6710, 39.6022,
37.9995

35.7200, 38.5920,
35.3256

169.9100, 40.4704,
39.5439

24.7970, 31.6521,
21.2260

194.7720, 29.6924,
43.1730

14.8850, 24.7067,
8.8709

214.4970, 19.9680,
35.5211

6.5490, 17.4773,
-5.7435

231.5200, 11.5756,
20.5920

2.8670, 8.4466,
-2.5144

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 88.4320, 38.7340,
36.4551

■ 88.4320, 38.7340,
36.4551

■ 76.9580, 44.3907,
42.1328

■ 99.9060, 33.0773,
30.7774

■ 65.7720, 49.9054,
46.6810

■ 111.0920, 27.5626,
26.2293

■ 54.2980, 55.5621,
52.3587

■ 122.5660, 21.9060,
20.5516

■ 52.8250, 56.2883,
52.7735

■ 134.0400, 16.2493,
14.8739

■ 145.2260, 10.7346,
10.3258

■ 156.7000, 5.0779,
4.6481

■ 168.4730, -0.7262,
-0.4148

■ 179.9470, -6.3829,
-6.0925

■ 190.8340,
-11.7502, -11.2554

Harmonies

Analogous

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



72.6950, 62.7614, -63.7535



88.4320, 38.7340, 36.4551



65.4350, 24.4355, 96.0885

Triad

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



88.4320, 38.7340, 36.4551



84.3570, -41.5880, 39.1519



79.6520, 20.8776, -69.8548

Complementary

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



88.4320, 38.7340, 36.4551



130.5680, -38.7340, -36.4551

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.



72.2250, -5.0409, -63.3413



88.4320, 38.7340, 36.4551



80.2610, -39.5687, -1.9829

Square

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



88.4320, 38.7340, 36.4551



76.6360, -37.7815, 78.3722



62.2220, -30.6754, -54.5687



84.8790, 43.4437, -74.4389

Rectangle

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



88.4320, 38.7340, 36.4551



64.0930, 6.3632, 106.0354



62.2220, -30.6754, -54.5687



77.4860, 12.5784, -67.9552

Sweetspot

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



88.4320, 38.7340, 36.4551



185.5130, 15.5231, 14.4591



87.4160, 39.2349, -31.0598



90.8730, 9.4296, 8.8814



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



88.4320, 38.7340, 36.4551



93.9980, 60.6400, 57.0068



97.3290, 24.9808, 61.1015



78.4070, 2.7573, 2.2741



46.7720, 49.9054, 46.6810



6.4660, 6.6723, 6.6073

Inverse Universe

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



90.6030, -0.7903, 67.0002



97.4320, -1.1990, 104.8611



121.6710, -24.9808, -61.1015



78.6200, -0.3057, 4.7183



49.7240, -0.8499, 86.1881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 88.4320, 38.7340, 36.4551 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



This preview shows how the YUV color 88.4320, 38.7340, 36.4551 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 88.4320, 38.7340, 36.4551

Background



This preview shows how black text looks on a background with the YUV color 88.4320, 38.7340, 36.4551.



This preview shows how white text looks on a background with the YUV color 88.4320, 38.7340,

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

88.4320, 38.7340, 36.4551

Protanopia

71.3440, 55.0464, -62.5687

Deuteranopia

78.5340, 40.1627, -48.7033



Tritanopia

91.0460, -2.9807, 22.7617

Trichromacy



Original Color

88.4320, 38.7340, 36.4551

Protanomaly

77.6690, 48.9702, -26.8967

Deuteranomaly

82.3190, 39.7757, -17.8198

Tritanomaly

90.0910, 12.2801, 27.9842

Monochromacy



Original Color

88.4320, 38.7340, 36.4551

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1600, 14.2181, 13.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4320, 38.7340, 36.4551 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(130, 52, 167)` looks like.

```
.text, #text, p{  
    color:rgb(130, 52, 167)  
}
```

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(130, 52, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 52, 167) }
```

Border

The CSS property to change the border of an element to YUV 88.4320, 38.7340, 36.4551 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(130, 52, 167) }
```


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

```
.border{ border-color:rgb(130, 52, 167) }
```

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

Here you see how a box with a 4 pixel rgb(130, 52, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 52, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 52, 167);  
box-shadow:4px 4px 4px 4px rgb(130, 52,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 88.4320, 38.7340, 36.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 52, 167) }
```

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

```
.background{ background-color: rgb(130, 52,  
167) }
```

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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