

Converting Colors

YUV(88.2140, 22.5725, 40.1543)

Have a look what the booklet for
YUV(88.2140, 22.5725, 40.1543)
contains.

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Color

**YUV(88.2140, 22.5725,
40.1543)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 863886 |
| RGB | 134, 56, 134 |
| RGB Percent | 53%, 22%, 53% |
| CMY | 0.4745, 0.7804, 0.4745 |
| CMYK | 0.00, 0.58, 0.00, 0.47 |
| HSL | 300°, 41%, 37% |
| HSV | 300°, 58%, 53% |
| XYZ | 15.5488, 9.6179, 23.5912 |
| YIQ | 88.2140, 21.4500, 40.7940 |

Conversions

Conversions Part 2

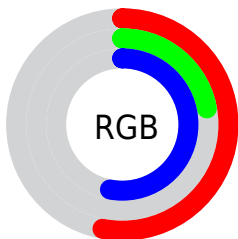
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 134, 56, 134 |
| Decimal | 8796294 |
| CIE _{Lab} | 37.15, 44.37, -28.49 |
| CIE _{LCh} | 37, 52.730, 327.297 |
| Yxy | 9.6179, 0.3189, 0.1973 |
| Android (android.graphics.Color) | 4286986374 (0xFF863886) |
| YUV | 88.2140, 22.5725, 40.1543 |
| Hunter-Lab | 31.0128, 35.2217, -23.3926 |

Details

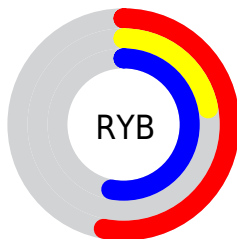
The YUV color **88.2140, 22.5725, 40.1543** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.7860, -22.5725, -40.1543**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7520, 23.2933, 42.3135**, and **33.7950, 24.7511, 41.3988** is the 20% darker color. If you saturate the color by 10%, you get **80.5830, 26.3346, 46.8467**, and if you desaturate by 10%, it is **95.8450, 18.8104, 33.4619**.

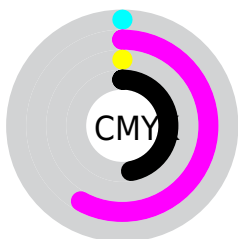
Distribution



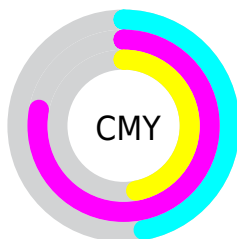
- Red (53%)
- Green (22%)
- Blue (53%)



- Red (53%)
- Yellow (22%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2140, 22.5725, 40.1543 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 88.2140, 22.5725, 40.1543 by changing the saturation by 10% instead.

88.2140, 22.5725,
40.1543

88.2140, 22.5725,
40.1543

255.0000, 0.0000,
0.0000

61.9150, 22.7199,
39.5395

140.7520, 23.2933,
42.3135

33.7950, 24.7511,
41.3988

168.3500, 22.9985,
43.5431

23.5840, 17.9531,
28.4288

196.1760, 23.5772,
44.5726

14.4980, 11.5865,
17.1033

216.2580, 19.0998,
33.9767

2.2970, 6.2626,
-2.0145

232.6940, 10.9969,
19.5624

0.0000, 0.0000,
0.0000

249.7170, 2.6045,

4.6332

■ 88.2140, 22.5725,
40.1543

■ 88.2140, 22.5725,
40.1543

■ 80.5830, 26.3346,
46.8467

■ 95.8450, 18.8104,
33.4619

■ 72.3650, 30.3861,
54.0539

■ 104.0630, 14.7589,
26.2547

■ 64.7340, 34.1481,
60.7463

■ 111.6940, 10.9969,
19.5624

■ 56.5160, 38.1996,
67.9535

■ 119.9120, 6.9454,
12.3552

■ 55.3420, 38.7784,
68.9831

■ 127.5430, 3.1833,
5.6628

■ 135.1740, -0.5788,
-1.0296

■ 143.3920, -4.6303,
-8.2368

■ 151.0230, -8.3923,
-14.9292

■ 159.2410,
-12.4438, -22.1364

Harmonies

Analogous

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



87.2060, 37.8594, -9.8277



88.2140, 22.5725, 40.1543



81.0360, 5.8983, 68.3744

Triad

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



88.2140, 22.5725, 40.1543



81.8990, -40.3762, 23.7676



76.4720, 23.9243, -67.0659

Complementary

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



88.2140, 22.5725, 40.1543



101.7860, -22.5725, -40.1543

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.



71.5700, 5.1420, -62.7669



88.2140, 22.5725, 40.1543



76.6840, -37.8052, -7.6159

Square

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



88.2140, 22.5725, 40.1543



81.9270, -35.9530, 51.8070



64.7930, -13.2089, -56.8235



78.5870, 39.6436, -68.9208

Rectangle

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



88.2140, 22.5725, 40.1543



79.9150, -7.3531, 71.9885



64.7930, -13.2089, -56.8235



74.9900, 18.2459, -65.7662

Sweetspot

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



88.2140, 22.5725, 40.1543



155.9770, 8.3923, 14.9292



64.8920, 34.0702, -7.7983



76.4340, 5.2090, 9.2664



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



88.2140, 22.5725, 40.1543



101.9730, 35.0163, 62.2907



83.7680, 5.5374, 44.0535



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



88.2140, 22.5725, 40.1543



101.9730, 35.0163, 62.2907



106.2320, -5.5374, -44.0535



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 88.2140, 22.5725, 40.1543 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

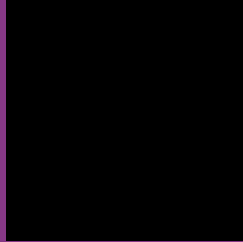
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2140, 22.5725, 40.1543

Background



This preview shows how black text looks on a background with the YUV color 88.2140, 22.5725, 40.1543.



This preview shows how white text looks on a background with the YUV color 88.2140, 22.5725,

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

88.2140, 22.5725, 40.1543

Protanopia

84.0850, 37.9191, -29.0155

Deuteranopia

87.0040, 20.7040, -14.0355



Tritanopia

89.0150, -5.9234, 33.3128

Trichromacy



Original Color

88.2140, 22.5725, 40.1543

Protanomaly

85.4580, 32.3122, -3.9097

Deuteranomaly

87.6520, 21.3706, 5.5672

Tritanomaly

88.7840, 4.5435, 36.1464

Monochromacy



Original Color

88.2140, 22.5725, 40.1543

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2140, 22.5725, 40.1543 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(134, 56, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 56, 134)  
}
```

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(134, 56, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 56, 134) }
```

Border

The CSS property to change the border of an element to YUV 88.2140, 22.5725, 40.1543 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(134, 56, 134) }
```


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

```
.border{ border-color:rgb(134, 56, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 56, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 56, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 56, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 56,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 88.2140, 22.5725, 40.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 56, 134) }
```

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

```
.background{ background-color: rgb(134, 56,  
134) }
```

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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