

Converting Colors

YUV(92.1390, 56.6265, 37.5891)

Have a look what the booklet for
YUV(92.1390, 56.6265, 37.5891)
contains.

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Color

**YUV(92.1390, 56.6265,
37.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	8730CF
RGB	135, 48, 207
RGB Percent	53%, 19%, 81%
CMY	0.4706, 0.8118, 0.1882
CMYK	0.35, 0.77, 0.00, 0.19
HSL	273°, 62%, 50%
HSV	273°, 77%, 81%
XYZ	22.3111, 11.7698, 60.1274
YIQ	92.1390, 0.8130, 67.8930

Conversions

Conversions Part 2

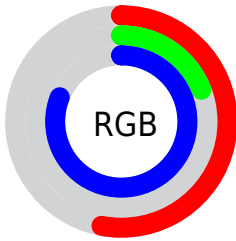
Format	Color
R _{YB}	135, 48, 207
Decimal	8859855
CIE Lab	40.85, 63.40, -66.07
CIE LCh	41, 91.570, 313.819
Yxy	11.7698, 0.2368, 0.1249
Android (android.graphics.Color)	4287049935 (0xFF8730CF)
YUV	92.1390, 56.6265, 37.5891
Hunter-Lab	34.3071, 56.0472, -79.8978

Details

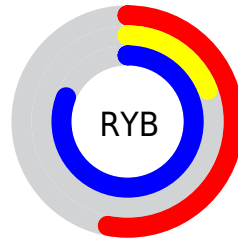
The YUV color **92.1390, 56.6265, 37.5891** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **162.8610, -56.6265, -37.5891**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2380, 53.1267, 40.1333**, and **40.2370, 54.6062, 32.2412** is the 20% darker color. If you saturate the color by 10%, you get **77.1210, 64.0303, 42.8669**, and if you desaturate by 10%, it is **107.1570, 49.2226, 32.3113**.

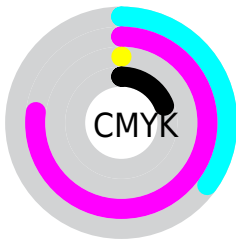
Distribution



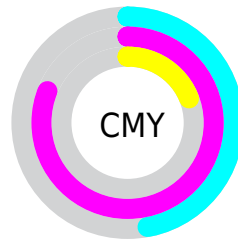
- Red (53%)
- Green (19%)
- Blue (81%)



- Red (53%)
- Yellow (19%)
- Blue (81%)



- Cyan (35%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.1390, 56.6265, 37.5891 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 92.1390, 56.6265, 37.5891 by changing the saturation by 10% instead.

92.1390, 56.6265,
37.5891

92.1390, 56.6265,
37.5891

255.0000, 0.0000,
0.0000

59.1440, 59.0890,
41.0927

147.2380, 53.1267,
40.1333

40.2370, 54.6062,
32.2412

172.6440, 40.6015,
44.1622

27.7050, 47.9664,
15.1677

197.4630, 28.3657,
48.7059

13.3790, 42.2112,
-5.5944

215.0840, 19.6786,
35.0063

8.4360, 32.3231,
-7.3984

231.5200, 11.5756,
20.5920

8.0480, 20.6823,
-7.0581

249.1300, 2.8939,

4.3660, 11.6516,

5.1480

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 92.1390, 56.6265,
37.5891

■ 92.1390, 56.6265,
37.5891

■ 77.1210, 64.0303,
42.8669

■ 107.1570, 49.2226,
32.3113

■ 62.3910, 71.2922,
47.0151

■ 121.8870, 41.9607,
28.1631

■ 57.3850, 73.7602,
48.7744

■ 136.9050, 34.5568,
22.8853

■ 151.9230, 27.1530,
17.6075

■ 167.2400, 19.6017,
12.9445

■ 181.6710, 12.4872,
8.1815

■ 196.9880, 4.9359,
3.5185

■ 212.0060, -2.4680,
-1.7593

■ 226.4370, -9.5824,
-6.5222

Harmonies

Analogous

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



84.3960, 79.6708, -74.0153



92.1390, 56.6265, 37.5891



76.9560, 31.0807, 111.4176

Triad

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



92.1390, 56.6265, 37.5891



90.0490, -44.3942, 52.5770



87.7220, 21.3361, -76.9322

Complementary

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



92.1390, 56.6265, 37.5891



162.8610, -56.6265, -37.5891

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.



77.3140, -13.4658, -67.8044



92.1390, 56.6265, 37.5891



86.7620, -42.7737, -0.6683

Square

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



92.1390, 56.6265, 37.5891



58.9030, -29.0392, 121.1111



68.6790, -33.8587, -60.2315



95.7020, 51.9119, -83.9307

Rectangle

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



92.1390, 56.6265, 37.5891



75.5560, 7.6139, 124.9234



68.6790, -33.8587, -60.2315



84.7580, 9.9793, -74.3328

Sweetspot

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



92.1390, 56.6265, 37.5891



212.2940, 21.0541, 13.7742



109.5640, 48.0359, -53.9916



101.7850, 12.9240, 8.0816



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



92.1390, 56.6265, 37.5891



85.3610, 83.6320, 55.8114



113.0970, 43.8292, 82.3529



97.0480, 3.9203, 2.5889



46.6600, 59.8206, 39.7632



11.2520, 14.6658, 9.4260

Inverse Universe

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



103.7490, 8.0117, 90.5511



102.4630, 12.0967, 133.7749



141.9030, -43.8292, -82.3529



97.8590, 0.5625, 6.2627



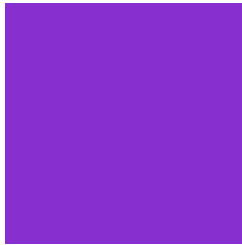
58.8960, 8.4323, 95.6842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 92.1390, 56.6265, 37.5891 looks on a white background.

Color Contrast Check

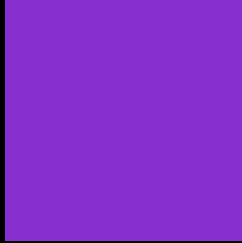
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 92.1390, 56.6265, 37.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

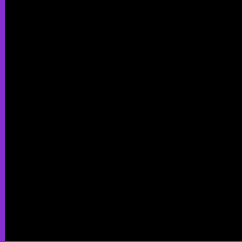
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.1390, 56.6265, 37.5891

Background



This preview shows how black text looks on a background with the YUV color 92.1390, 56.6265, 37.5891.



This preview shows how white text looks on a background with the YUV color 92.1390, 56.6265,

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

92.1390, 56.6265, 37.5891

Deuteranopia

77.6070, 46.0427, -68.0613

Tritanopia

97.9740, -0.4802, 14.0548

Trichromacy



Original Color

92.1390, 56.6265, 37.5891

Deuteranomaly

82.5870, 49.9966, -29.4558

Tritanomaly

96.1210, 20.1533, 22.6959

Monochromacy



Original Color

92.1390, 56.6265, 37.5891

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1800, 20.6173, 13.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.1390, 56.6265, 37.5891 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(135, 48, 207)` looks like.

```
.text, #text, p{  
    color:rgb(135, 48, 207)  
}
```

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(135, 48, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 48, 207) }
```

Border

The CSS property to change the border of an element to YUV 92.1390, 56.6265, 37.5891 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(135, 48, 207) }
```

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

```
.border{ border-color:rgb(135, 48, 207) }
```

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

Here you see how a box with a 4 pixel rgb(135, 48, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 48, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 48, 207);  
box-shadow:4px 4px 4px 4px rgb(135, 48,  
207) }
```


Background

The CSS property to change the background color of an element to YUV 92.1390, 56.6265, 37.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 48, 207) }
```

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

```
.background{ background-color: rgb(135, 48,  
207) }
```

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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