

Converting Colors

YUV(89.6040, 31.2542, 55.5983)

Have a look what the booklet for
YUV(89.6040, 31.2542, 55.5983)
contains.

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Color

**YUV(89.6040, 31.2542,
55.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	992D99
RGB	153, 45, 153
RGB Percent	60%, 18%, 60%
CMY	0.4000, 0.8235, 0.4000
CMYK	0.00, 0.71, 0.00, 0.40
HSL	300°, 55%, 39%
HSV	300°, 71%, 60%
XYZ	19.8250, 10.9490, 31.2055
YIQ	89.6040, 29.7000, 56.4840

Conversions

Conversions Part 2

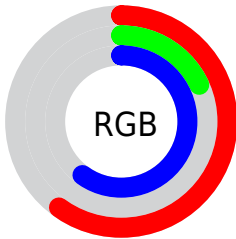
Format	Color
R_{YB}	153, 45, 153
Decimal	10038681
CIE _{Lab}	39.49, 57.33, -36.18
CIE _{LCh}	39, 67.789, 327.741
Yxy	10.9490, 0.3199, 0.1767
Android (android.graphics.Color)	4288228761 (0xFF992D99)
YUV	89.6040, 31.2542, 55.5983
Hunter-Lab	33.0892, 49.0399, -32.7521

Details

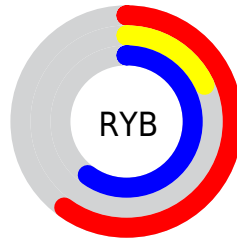
The YUV color **89.6040, 31.2542, 55.5983** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **108.3960, -31.2542, -55.5983**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7890, 30.6700, 56.3130**, and **40.8160, 29.6707, 50.1504** is the 20% darker color. If you saturate the color by 10%, you get **80.7990, 35.5951, 63.3203**, and if you desaturate by 10%, it is **98.4090, 26.9134, 47.8763**.

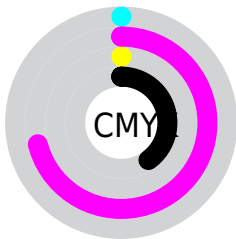
Distribution



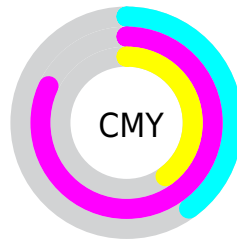
- Red (60%)
- Green (18%)
- Blue (60%)



- Red (60%)
- Yellow (18%)
- Blue (60%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6040, 31.2542, 55.5983 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 89.6040, 31.2542, 55.5983 by changing the saturation by 10% instead.

89.6040, 31.2542,
55.5983

89.6040, 31.2542,
55.5983

255.0000, 0.0000,
0.0000

55.3750, 35.3111,
61.0611

145.7890, 30.6700,
56.3130

40.8160, 29.6707,
50.1504

173.8000, 30.6646,
58.0574

30.3060, 23.0201,
36.5656

196.8870, 28.6497,
50.9651

20.8070, 16.3641,
24.7253

213.3230, 20.5468,
36.5507

6.5240, 12.0667,
3.0485

230.3460, 12.1544,
21.6216

0.2280, 0.8736,
-0.2000

247.3690, 3.7621,

0.0000, 0.0000,

6.6924

0.0000

■ 89.6040, 31.2542,
55.5983

■ 89.6040, 31.2542,
55.5983

■ 80.7990, 35.5951,
63.3203

■ 98.4090, 26.9134,
47.8763

■ 71.4070, 40.2253,
71.5571

■ 107.8010, 22.2831,
39.6395

■ 63.1890, 44.2768,
78.7642

■ 116.6060, 17.9422,
31.9175

■ 125.4110, 13.6014,
24.1956

■ 134.8030, 8.9711,
15.9588

■ 143.6080, 4.6303,
8.2368

■ 152.4130, 0.2894,
0.5148

■ 161.2180, -4.0515,
-7.2072

■ 170.6100, -8.6817,
-15.4440

Harmonies

Analogous

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



90.3760, 50.1006, -16.1158



89.6040, 31.2542, 55.5983



66.4160, 16.5569, 103.1212

Triad

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



89.6040, 31.2542, 55.5983



88.1120, -43.4392, 26.2118



84.3940, 28.8928, -74.0135

Complementary

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



89.6040, 31.2542, 55.5983



108.3960, -31.2542, -55.5983

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.



77.4230, 4.7215, -67.9000



89.6040, 31.2542, 55.5983



79.8850, -39.3833, -14.8081

Square

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



89.6040, 31.2542, 55.5983



84.8100, -41.8113, 64.1876



68.7080, -21.0550, -60.2569



87.6490, 48.9800, -76.8682

Rectangle

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



89.6040, 31.2542, 55.5983



65.1440, -1.0570, 105.9907



68.7080, -21.0550, -60.2569



82.3420, 21.0304, -72.2139

Sweetspot

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



89.6040, 31.2542, 55.5983



174.3460, 12.1544, 21.6216



57.3120, 47.1742, -10.7976



84.9120, 6.9454, 12.3552



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



89.6040, 31.2542, 55.5983



99.7970, 48.9071, 87.0010



83.4480, 7.6671, 60.9971



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Inverse Universe

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



89.6040, 31.2542, 55.5983



99.7970, 48.9071, 87.0010



114.5520, -7.6671, -60.9971



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 89.6040, 31.2542, 55.5983 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

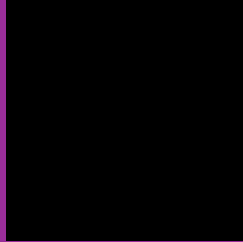
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6040, 31.2542, 55.5983

Background



This preview shows how black text looks on a background with the YUV color 89.6040, 31.2542, 55.5983.



This preview shows how white text looks on a background with the YUV color 89.6040, 31.2542,

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

89.6040, 31.2542, 55.5983

Protanopia

75.4190, 57.9674, -66.1425

Deuteranopia

91.7410, 26.2567, -21.6979



Tritanopia

93.3970, -8.5767, 44.3788

Trichromacy



Original Color

89.6040, 31.2542, 55.5983



Protanomaly

80.4740, 48.0803, -21.4637



Deuteranomaly

90.7860, 28.2065, 6.3267



Tritanomaly

92.2030, 5.8159, 48.0570

Monochromacy



Original Color

89.6040, 31.2542, 55.5983



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

90.1070, 11.2862, 20.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6040, 31.2542, 55.5983 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(153, 45, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 45, 153)  
}
```

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(153, 45, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 45, 153) }
```

Border

The CSS property to change the border of an element to YUV 89.6040, 31.2542, 55.5983 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(153, 45, 153) }
```


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

```
.border{ border-color:rgb(153, 45, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 45, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 45, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 45, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 45,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 89.6040, 31.2542, 55.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 45, 153) }
```

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

```
.background{ background-color: rgb(153, 45,  
153) }
```

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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