

Converting Colors

YUV(77.3660, 35.3156, 12.8340)

Have a look what the booklet for
YUV(77.3660, 35.3156, 12.8340)
contains.

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Color

**YUV(77.3660, 35.3156,
12.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	5C3895
RGB	92, 56, 149
RGB Percent	36%, 22%, 58%
CMY	0.6392, 0.7804, 0.4157
CMYK	0.38, 0.62, 0.00, 0.42
HSL	263°, 45%, 40%
HSV	263°, 62%, 58%
XYZ	11.2526, 7.2736, 29.2446
YIQ	77.3660, -8.3970, 36.5550

Conversions

Conversions Part 2

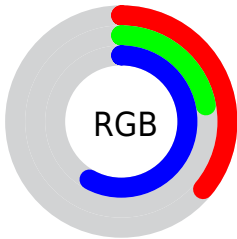
Format	Color
R_{YB}	92, 56, 149
Decimal	6043797
CIE _{Lab}	32.42, 36.80, -45.55
CIE _{LCh}	32, 58.561, 308.931
Yxy	7.2736, 0.2356, 0.1523
Android (android.graphics.Color)	4284233877 (0xFF5C3895)
YUV	77.3660, 35.3156, 12.8340
Hunter-Lab	26.9696, 27.2795, -45.4128

Details

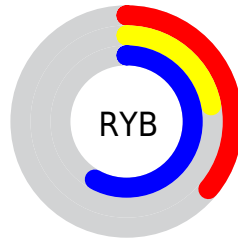
The YUV color **77.3660, 35.3156, 12.8340** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **127.6340, -35.3156, -12.8340**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5450, 37.1993, 15.3080**, and **27.7030, 34.1634, 9.0305** is the 20% darker color. If you saturate the color by 10%, you get **65.8700, 40.9831, 15.0230**, and if you desaturate by 10%, it is **88.8620, 29.6480, 10.6450**.

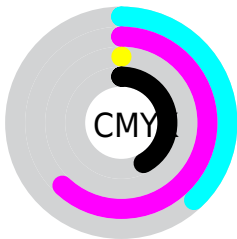
Distribution



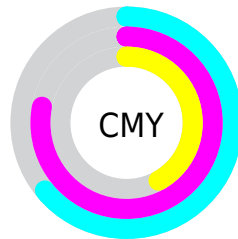
- Red (36%)
- Green (22%)
- Blue (58%)



- Red (36%)
- Yellow (22%)
- Blue (58%)



- Cyan (38%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3660, 35.3156, 12.8340 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 77.3660, 35.3156, 12.8340 by changing the saturation by 10% instead.

■ 77.3660, 35.3156,
12.8340

■ 77.3660, 35.3156,
12.8340

■ 255.0000, 0.0000,
0.0000

■ 52.8280, 34.5948,
10.6748

■ 128.5450, 37.1993,
15.3080

■ 27.7030, 34.1634,
9.0305

■ 154.7840, 38.0675,
16.8524

■ 11.3120, 30.4122,
-1.1506

■ 181.6270, 36.1729,
17.8671

■ 6.1730, 21.1137,
-5.4137

■ 206.1470, 24.0845,
21.7961

■ 3.7790, 11.9410,
-3.3142

■ 229.7590, 12.4438,
22.1364

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

■ 77.3660, 35.3156,
12.8340

■ 77.3660, 35.3156,
12.8340

■ 65.8700, 40.9831,
15.0230

■ 88.8620, 29.6480,
10.6450

■ 54.3740, 46.6506,
17.2120

■ 100.3580, 23.9805,
8.4560

■ 42.8780, 52.3181,
19.4010

■ 111.8540, 18.3130,
6.2670

■ 34.3280, 56.5333,
20.7603

■ 123.6490, 12.4980,
4.6928

■ 135.1450, 6.8305,
2.5038

■ 146.0540, 1.4524,
0.8296

■ 157.5500, -4.2151,
-1.3593

■ 169.0460, -9.8827,
-3.5483

■ 180.5420,
-15.5502, -5.7373

Harmonies

Analogous

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



65.0520, 51.2464, -57.0506



77.3660, 35.3156, 12.8340



67.9010, 20.7548, 63.2308

Triad

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



77.3660, 35.3156, 12.8340



71.6870, -35.3417, 42.3705



65.9110, 11.3829, -57.8039

Complementary

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



77.3660, 35.3156, 12.8340



127.6340, -35.3156, -12.8340

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.



59.8520, -9.2940, -52.4902



77.3660, 35.3156, 12.8340



70.8910, -34.9493, 9.7426

Square

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



77.3660, 35.3156, 12.8340



65.8920, -22.6248, 70.2547



59.7180, -29.4410, -30.4477



71.0410, 31.0388, -62.3030

Rectangle

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



77.3660, 35.3156, 12.8340



54.8670, 12.3906, 86.0626



59.7180, -29.4410, -30.4477



64.0870, 4.3941, -56.2043

Sweetspot

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



77.3660, 35.3156, 12.8340



165.4040, 14.0978, 4.9077



100.0610, 24.1269, -38.6415



79.9000, 8.4303, 2.7187



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



77.3660, 35.3156, 12.8340



81.6870, 55.3703, 20.4455



91.1200, 28.5348, 41.1138



68.3960, 2.7628, 0.5297



31.5790, 52.4656, 18.7862



2.3360, 3.7784, 1.4593

Inverse Universe

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



90.3050, 11.1886, 51.4755



101.9140, 17.7904, 80.7594



113.8800, -28.5348, -41.1138



69.5490, 0.7153, 3.9035



50.8380, 16.3489, 76.4411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 77.3660, 35.3156, 12.8340 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 77.3660, 35.3156, 12.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

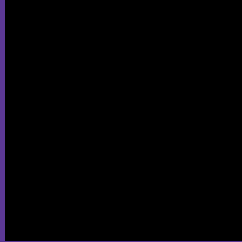
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3660, 35.3156, 12.8340

Background



This preview shows how black text looks on a background with the YUV color 77.3660, 35.3156, 12.8340.



This preview shows how white text looks on a background with the YUV color 77.3660, 35.3156,

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

77.3660, 35.3156, 12.8340

Deuteranopia

61.4040, 37.2688, -53.8513

Tritanopia

76.9830, 2.4734, 0.0149

Trichromacy



Original Color

77.3660, 35.3156, 12.8340

Deuteranomaly

67.0310, 36.4667, -29.8452

Tritanomaly

77.1050, 14.2452, 4.2929

Monochromacy



Original Color

77.3660, 35.3156, 12.8340

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7630, 12.9348, 4.5928

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3660, 35.3156, 12.8340 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(92, 56, 149)` looks like.

```
.text, #text, p{  
  color:rgb(92, 56, 149)  
}
```

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(92, 56, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 56, 149) }
```

Border

The CSS property to change the border of an element to YUV 77.3660, 35.3156, 12.8340 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(92, 56, 149) }
```

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

```
.border{ border-color:rgb(92, 56, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 56, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 56, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 56, 149);  
box-shadow:4px 4px 4px 4px rgb(92, 56,  
149) }
```


Background

The CSS property to change the background color of an element to YUV 77.3660, 35.3156, 12.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 56, 149) }
```

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

```
.background{ background-color: rgb(92, 56,  
149) }
```

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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