

Converting Colors

YUV(73.3620, 41.7265, 56.6875)

Have a look what the booklet for
YUV(73.3620, 41.7265, 56.6875)
contains.

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Color

**YUV(73.3620, 41.7265,
56.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	8A189E
RGB	138, 24, 158
RGB Percent	54%, 9%, 62%
CMY	0.4588, 0.9059, 0.3804
CMYK	0.13, 0.85, 0.00, 0.38
HSL	291°, 74%, 36%
HSV	291°, 85%, 62%
XYZ	16.9794, 8.5252, 33.0984
YIQ	73.3620, 24.9300, 65.8420

Conversions

Conversions Part 2

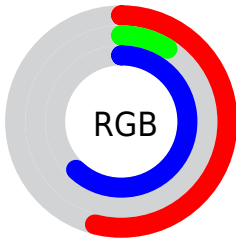
Format	Color
R_{YB}	138, 24, 158
Decimal	9050270
CIE _{Lab}	35.05, 61.54, -46.45
CIE _{LCh}	35, 77.105, 322.953
Yxy	8.5252, 0.2897, 0.1455
Android (android.graphics.Color)	4287240350 (0xFF8A189E)
YUV	73.3620, 41.7265, 56.6875
Hunter-Lab	29.1979, 52.7067, -46.7719

Details

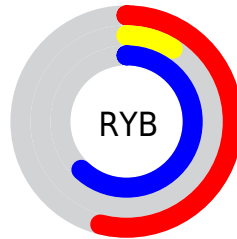
The YUV color **73.3620, 41.7265, 56.6875** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108.6380, -41.7265, -56.6875**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4820, 39.6954, 54.8283**, and **36.9010, 34.0658, 40.4288** is the 20% darker color. If you saturate the color by 10%, you get **63.3720, 46.6516, 63.6948**, and if you desaturate by 10%, it is **83.3520, 36.8015, 49.6803**.

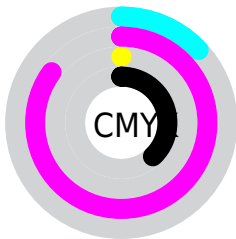
Distribution



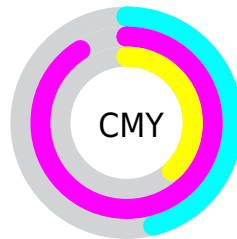
- Red (54%)
- Green (9%)
- Blue (62%)



- Red (54%)
- Yellow (9%)
- Blue (62%)



- Cyan (13%)
- Magenta (85%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3620, 41.7265, 56.6875 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 73.3620, 41.7265, 56.6875 by changing the saturation by 10% instead.

73.3620, 41.7265,
56.6875

73.3620, 41.7265,
56.6875

255.0000, 0.0000,
0.0000

47.8240, 41.0058,
54.5284

132.4820, 39.6954,
54.8283

36.9010, 34.0658,
40.4288

160.8950, 39.9848,
55.3431

25.9780, 27.1258,
26.3293

187.7830, 33.1380,
58.0723

15.4680, 20.4753,
12.7446

204.5180, 24.8876,
44.2727

5.0500, 14.2723,
-4.4289

220.9540, 16.7847,
29.8583

0.9120, 3.4944,
-0.7998

237.9770, 8.3923,

0.0000, 0.0000,

14.9292

0.0000

■ 73.3620, 41.7265,
56.6875

■ 73.3620, 41.7265,
56.6875

■ 63.3720, 46.6516,
63.6948

■ 83.3520, 36.8015,
49.6803

■ 58.0780, 49.2615,
66.5836

■ 93.6410, 31.7290,
43.2878

■ 103.0440, 27.0933,
36.7954

■ 113.0340, 22.1682,
29.7882

■ 123.3230, 17.0958,
23.3957

■ 133.3130, 12.1707,
16.3885

■ 143.6020, 7.0982,
9.9960

■ 153.0050, 2.4625,
3.5036

■ 162.9950, -2.4625,
-3.5036

Harmonies

Analogous

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



65.4230, 65.3605, -57.3760



73.3620, 41.7265, 56.6875



64.9210, 17.2939, 100.0473

Triad

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



73.3620, 41.7265, 56.6875



78.1110, -38.5087, 31.4747



76.9280, 25.6715, -67.4659

Complementary

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



73.3620, 41.7265, 56.6875



108.6380, -41.7265, -56.6875

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.



69.0450, -1.9942, -60.5525



73.3620, 41.7265, 56.6875



71.0360, -35.0207, -14.0636

Square

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



73.3620, 41.7265, 56.6875



69.8360, -34.4291, 76.4428



59.2870, -29.2285, -51.9947



82.3830, 49.1112, -72.2499

Rectangle

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



73.3620, 41.7265, 56.6875



61.7420, -1.3518, 107.2203



59.2870, -29.2285, -51.9947



74.6480, 16.9355, -65.4663

Sweetspot

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



73.3620, 41.7265, 56.6875



174.0840, 16.2276, 21.8513



51.0160, 52.7431, -23.6930



84.7210, 9.9975, 13.3997



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



73.3620, 41.7265, 56.6875



76.2220, 64.4736, 87.5053



73.9840, 18.2489, 73.6820



74.0050, 2.4625, 3.5036



52.4810, 44.6259, 60.0912



5.5970, 4.6357, 6.4924

Inverse Universe

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



66.3460, -11.0166, 80.3806



65.4270, -16.9725, 124.1595



108.0160, -18.2489, -73.6820



73.5060, -0.7425, 4.8182



45.1510, -11.9064, 85.8136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 73.3620, 41.7265, 56.6875 looks on a white background.

Color Contrast Check

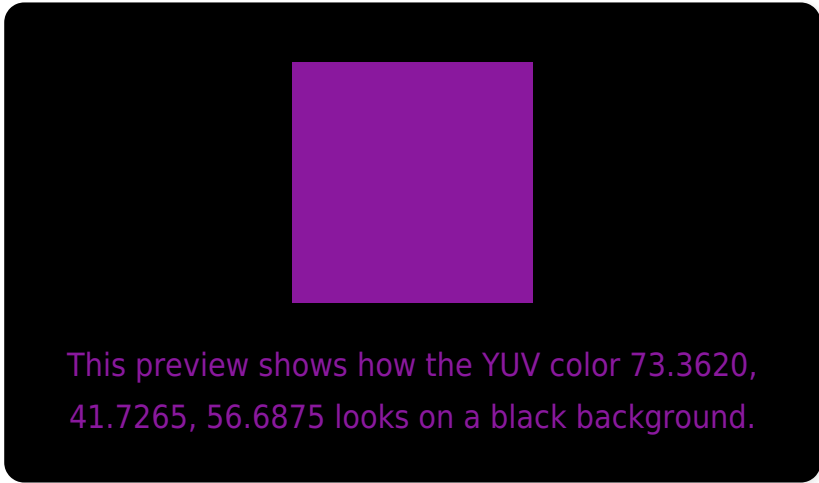
Large Text (above 18pt) WCAG AA ✓ Pass

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

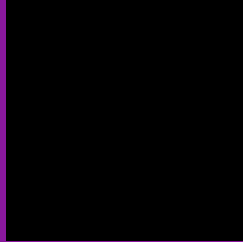
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3620, 41.7265, 56.6875

Background



This preview shows how black text looks on a background with the YUV color 73.3620, 41.7265, 56.6875.



This preview shows how white text looks on a background with the YUV color 73.3620, 41.7265,

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

73.3620, 41.7265, 56.6875

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

73.7580, 37.0943, -44.5148



Tritanopia

83.9940, -7.3920, 37.7163

Trichromacy



Original Color

73.3620, 41.7265, 56.6875

Protanomaly

69.0940, 47.7747, -16.7454

Deuteranomaly

73.7440, 38.5802, -7.6685

Tritanomaly

80.0330, 10.3367, 44.6981

Monochromacy



Original Color

73.3620, 41.7265, 56.6875

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1440, 15.2120, 20.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3620, 41.7265, 56.6875 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(138, 24, 158)` looks like.

```
.text, #text, p{  
    color:rgb(138, 24, 158)  
}
```

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(138, 24, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 24, 158) }
```

Border

The CSS property to change the border of an element to YUV 73.3620, 41.7265, 56.6875 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(138, 24, 158) }
```


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

```
.border{ border-color:rgb(138, 24, 158) }
```

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

Here you see how a box with a 4 pixel rgb(138, 24, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 24, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 24, 158);  
box-shadow:4px 4px 4px 4px rgb(138, 24,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 73.3620, 41.7265, 56.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 24, 158) }
```

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

```
.background{ background-color: rgb(138, 24,  
158) }
```

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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