

Converting Colors

YUV(56.7090, 31.6955, 7.2712)

Have a look what the booklet for
YUV(56.7090, 31.6955, 7.2712)
contains.

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Color

**YUV(56.7090, 31.6955,
7.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	412879
RGB	65, 40, 121
RGB Percent	25%, 16%, 47%
CMY	0.7451, 0.8431, 0.5255
CMYK	0.46, 0.67, 0.00, 0.53
HSL	259°, 50%, 32%
HSV	259°, 67%, 47%
XYZ	6.3900, 4.0219, 18.5287
YIQ	56.7090, -11.1010, 30.4910

Conversions

Conversions Part 2

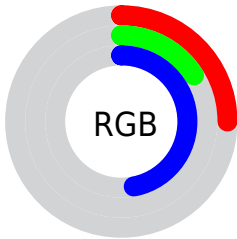
Format	Color
R_{YB}	65, 40, 121
Decimal	4270201
CIE _{Lab}	23.74, 32.00, -42.31
CIE _{LCh}	24, 53.046, 307.103
Yxy	4.0219, 0.2208, 0.1390
Android (android.graphics.Color)	4282460281 (0xFF412879)
YUV	56.7090, 31.6955, 7.2712
Hunter-Lab	20.0546, 21.7794, -40.7404

Details

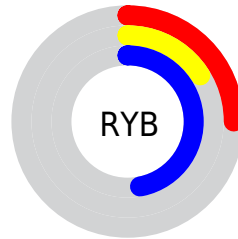
The YUV color **56.7090, 31.6955, 7.2712** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **104.2910, -31.6955, -7.2712**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1870, 33.4318, 10.3600**, and **11.0840, 29.5386, -0.9507** is the 20% darker color. If you saturate the color by 10%, you get **47.2730, 36.3474, 8.5306**, and if you desaturate by 10%, it is **66.1450, 27.0435, 6.0118**.

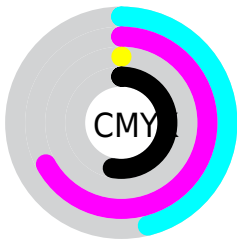
Distribution



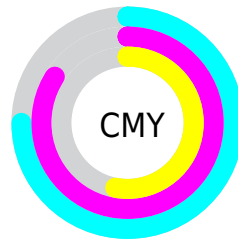
- Red (25%)
- Green (16%)
- Blue (47%)



- Red (25%)
- Yellow (16%)
- Blue (47%)



- Cyan (46%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7090, 31.6955, 7.2712 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 56.7090, 31.6955, 7.2712 by changing the saturation by 10% instead.

■ 56.7090, 31.6955,
7.2712

■ 56.7090, 31.6955,
7.2712

■ 255.0000, 0.0000,
0.0000

■ 32.8720, 31.1221,
4.4973

■ 106.1870, 33.4318,
10.3600

■ 11.0840, 29.5386,
-0.9507

■ 132.1270, 34.4474,
11.2896

■ 5.4720, 20.9663,
-4.7989

■ 158.0670, 35.4630,
12.2192

■ 3.5510, 11.0674,
-3.1142

■ 185.1380, 34.4420,
13.0340

■ 0.0000, 0.0000,
0.0000

■ 209.6580, 22.3536,
16.9629

■ 233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

56.7090, 31.6955,
7.2712

56.7090, 31.6955,
7.2712

47.2730, 36.3474,
8.5306

66.1450, 27.0435,
6.0118

37.5380, 41.1468,
9.1752

75.8800, 22.2442,
5.3672

28.1020, 45.7987,
10.4345

85.3160, 17.5922,
4.1079

24.8570, 47.3985,
10.6494

94.7520, 12.9403,
2.8485

104.4870, 8.1409,
2.2039

■ 114.5100, 3.1996,
0.4297

■ 124.2450, -1.5998,
-0.2149

■ 133.6810, -6.2517,
-1.4742

■ 143.1170,
-10.9037, -2.7336

Harmonies

Analogous

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



50.2510, 42.7673, -44.0701



56.7090, 31.6955, 7.2712



44.3840, 21.5027, 56.6682

Triad

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



56.7090, 31.6955, 7.2712



52.7600, -26.0107, 36.1675



49.6740, 7.5557, -43.5641

Complementary

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



56.7090, 31.6955, 7.2712



104.2910, -31.6955, -7.2712

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.



44.2990, -10.5004, -38.8502



56.7090, 31.6955, 7.2712



52.5840, -25.9239, 8.2578

Square

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



56.7090, 31.6955, 7.2712



43.2270, -17.3669, 63.8219



43.8140, -21.6003, -25.2699



54.1200, 24.5908, -47.4632

Rectangle

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



56.7090, 31.6955, 7.2712



43.2470, 9.2452, 68.1894



43.8140, -21.6003, -25.2699



48.0780, 1.4405, -42.1644

Sweetspot

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



56.7090, 31.6955, 7.2712



132.6380, 12.5035, 2.9485



82.6930, 18.8854, -37.4418



63.9600, 7.4147, 1.7891



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



56.7090, 31.6955, 7.2712



58.0250, 49.2877, 11.3791



68.6690, 25.7992, 31.8623



56.2820, 2.3260, 0.6297



25.9110, 48.8509, 11.4791



52.0500, 98.5754, 22.7582

Inverse Universe

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



70.6030, 12.5207, 44.1982



79.5920, 19.4281, 68.7638



92.3310, -25.7992, -31.8623



57.2500, 0.8628, 3.2887



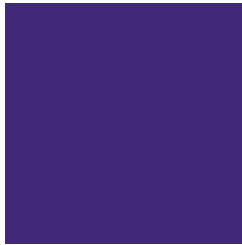
47.1790, 19.1388, 68.2490



95.2980, 39.2931, 137.4277

Previews

White Background



This preview shows how the YUV color 56.7090, 31.6955, 7.2712 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 56.7090, 31.6955, 7.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

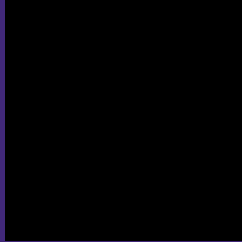
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7090, 31.6955, 7.2712

Background



This preview shows how black text looks on a background with the YUV color 56.7090, 31.6955, 7.2712.



This preview shows how white text looks on a background with the YUV color 56.7090, 31.6955,

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

56.7090, 31.6955, 7.2712

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.5600, 27.3319, -39.9561



Tritanopia

56.1780, 3.3632, -5.4181

Trichromacy



Original Color

56.7090, 31.6955, 7.2712

Protanomaly

49.9780, 33.5348, -22.7827

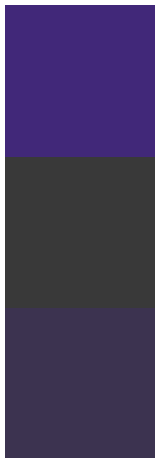
Deuteranomaly

49.4250, 28.8775, -22.2977

Tritanomaly

55.9580, 13.8247, -0.8402

Monochromacy



Original Color

56.7090, 31.6955, 7.2712

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9970, 11.3405, 2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7090, 31.6955, 7.2712 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(65, 40, 121)` looks like.

```
.text, #text, p{  
    color:rgb(65, 40, 121)  
}
```

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(65, 40, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 40, 121) }
```

Border

The CSS property to change the border of an element to YUV 56.7090, 31.6955, 7.2712 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(65, 40, 121) }
```


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

```
.border{ border-color:rgb(65, 40, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 40, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 40, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 40, 121);  
box-shadow:4px 4px 4px 4px rgb(65, 40,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 56.7090, 31.6955, 7.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 40, 121) }
```

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

```
.background{ background-color: rgb(65, 40,  
121) }
```

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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