

Converting Colors

YUV(55.0760, 48.7695, 37.6443)

Have a look what the booklet for
YUV(55.0760, 48.7695, 37.6443)
contains.

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Color

**YUV(55.0760, 48.7695,
37.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	620E9A
RGB	98, 14, 154
RGB Percent	38%, 5%, 60%
CMY	0.6157, 0.9451, 0.3961
CMYK	0.36, 0.91, 0.00, 0.40
HSL	276°, 83%, 33%
HSV	276°, 91%, 60%
XYZ	11.0268, 5.2438, 31.0028
YIQ	55.0760, 5.1240, 61.3480

Conversions

Conversions Part 2

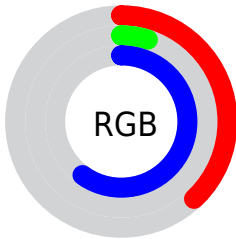
Format	Color
RYB	98, 14, 154
Decimal	6426266
CIELab	27.42, 56.71, -56.72
CIElCh	27, 80.206, 314.997
Yxy	5.2438, 0.2333, 0.1109
Android (android.graphics.Color)	4284616346 (0xFF620E9A)
YUV	55.0760, 48.7695, 37.6443
Hunter-Lab	22.8994, 45.8792, -64.2413

Details

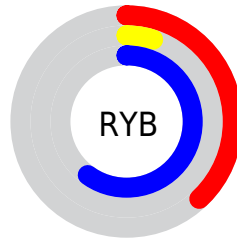
The YUV color **55.0760, 48.7695, 37.6443** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **112.9240, -48.7695, -37.6443**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7230, 47.4646, 36.1999**, and **23.8870, 38.5097, 15.0081** is the 20% darker color. If you saturate the color by 10%, you get **45.0640, 53.7054, 41.1629**, and if you desaturate by 10%, it is **65.6750, 43.5442, 33.6110**.

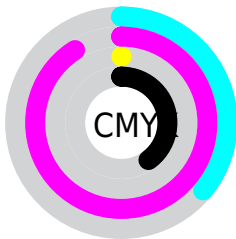
Distribution



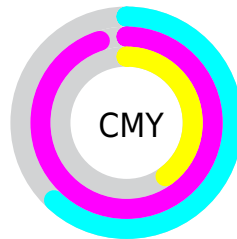
- Red (38%)
- Green (5%)
- Blue (60%)



- Red (38%)
- Yellow (5%)
- Blue (60%)



- Cyan (36%)
- Magenta (91%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0760, 48.7695, 37.6443 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 55.0760, 48.7695, 37.6443 by changing the saturation by 10% instead.

■ 55.0760, 48.7695,
37.6443

■ 55.0760, 48.7695,
37.6443

■ 255.0000, 0.0000,
0.0000

■ 35.4080, 45.1549,
30.3372

■ 112.7230, 47.4646,
36.1999

■ 23.8870, 38.5097,
15.0081

■ 140.5490, 48.0433,
37.2295

■ 11.1700, 32.4542,
-2.7801

■ 167.0070, 43.3805,
39.4589

■ 7.8030, 22.2821,
-6.8432

■ 191.8260, 31.1448,
44.0026

■ 4.7080, 12.9620,
-4.1289

■ 212.1490, 21.1255,
37.5803


■ 0.1140, 0.4368,
-0.1000


■ 228.5850, 13.0226,


■ 0.0000, 0.0000,


23.1660


0.0000


 245.6080, 4.6303,
8.2368


 55.0760, 48.7695,
37.6443


 55.0760, 48.7695,
37.6443

 45.0640, 53.7054,
41.1629

 65.6750, 43.5442,
33.6110

 76.8610, 38.0295,
29.0629

 87.4600, 32.8042,
25.0296

 98.9450, 27.1421,
21.0962

 109.5440, 21.9168,
17.0629

■ 120.1430, 16.6915,
13.0296

■ 131.3290, 11.1768,
8.4815

■ 141.9280, 5.9515,
4.4481

■ 153.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



59.5870, 63.3076, -52.2578



55.0760, 48.7695, 37.6443



56.9190, 20.2529, 84.2630

Triad

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



55.0760, 48.7695, 37.6443



60.7450, -29.9473, 38.8116



61.3120, 16.6082, -53.7706

Complementary

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



55.0760, 48.7695, 37.6443



112.9240, -48.7695, -37.6443

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.



52.7280, -11.2049, -46.2425



55.0760, 48.7695, 37.6443



57.5130, -28.3539, -5.7119

Square

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



55.0760, 48.7695, 37.6443



42.7570, -21.0792, 87.9131



47.5470, -23.4407, -41.6987



68.5110, 41.6531, -60.0841

Rectangle

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



55.0760, 48.7695, 37.6443



55.3490, 1.3069, 94.4099



47.5470, -23.4407, -41.6987



58.9180, 7.4354, -51.6711

Sweetspot

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



55.0760, 48.7695, 37.6443



163.0230, 18.7227, 14.8888



62.8320, 44.9458, -42.8257



78.7420, 11.4662, 8.9963



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



55.0760, 48.7695, 37.6443



59.0930, 69.9602, 54.2924



70.2240, 34.3996, 73.4716



71.1080, 2.9048, 1.6593



41.0760, 48.7695, 37.6443



3.8740, 4.4991, 3.6185

Inverse Universe

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



62.2440, 3.8237, 80.4700



69.3330, 5.7518, 115.4720



97.7760, -34.3996, -73.4716



71.7340, 0.1311, 4.6183



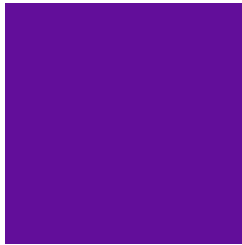
48.2440, 3.8237, 80.4700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 55.0760, 48.7695, 37.6443 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

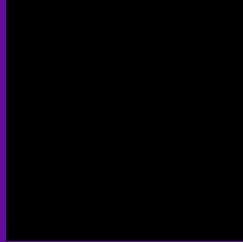
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0760, 48.7695, 37.6443

Background



This preview shows how black text looks on a background with the YUV color 55.0760, 48.7695, 37.6443.



This preview shows how white text looks on a background with the YUV color 55.0760, 48.7695,

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

55.0760, 48.7695, 37.6443

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.2540, 31.4268, -46.7038



Tritanopia

67.5500, -0.7641, 11.7957

Trichromacy



Original Color

55.0760, 48.7695, 37.6443

Protanomaly

53.9540, 43.4067, -15.7457

Deuteranomaly

53.7600, 37.5863, -15.5755

Tritanomaly

63.0130, 17.2486, 21.0366

Monochromacy



Original Color

55.0760, 48.7695, 37.6443

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0830, 17.7071, 13.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0760, 48.7695, 37.6443 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(98, 14, 154)` looks like.

```
.text, #text, p{  
  color:rgb(98, 14, 154)  
}
```

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(98, 14, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 14, 154) }
```

Border

The CSS property to change the border of an element to YUV 55.0760, 48.7695, 37.6443 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(98, 14, 154) }
```


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

```
.border{ border-color:rgb(98, 14, 154) }
```

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

Here you see how a box with a 4 pixel rgb(98, 14, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 14, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 14, 154);  
box-shadow:4px 4px 4px 4px rgb(98, 14,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 55.0760, 48.7695, 37.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 14, 154) }
```

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

```
.background{ background-color: rgb(98, 14,  
154) }
```

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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