

Converting Colors

YUV(37.1980, 23.5664, 48.0614)

Have a look what the booklet for
YUV(37.1980, 23.5664, 48.0614)
contains.

YUV(37.1980, 23.5664, 48.0614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(37.1980, 23.5664,
48.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0055
RGB	92, 0, 85
RGB Percent	36%, 0%, 33%
CMY	0.6392, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.08, 0.64
HSL	305°, 100%, 18%
HSV	305°, 100%, 36%
XYZ	6.0533, 2.9312, 8.8411
YIQ	37.1980, 27.5470, 45.9390

Conversions

Conversions Part 2

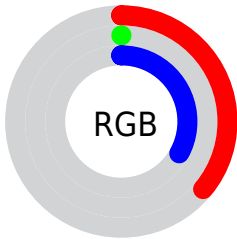
Format	Color
RYB	92, 0, 85
Decimal	6029397
CIELab	19.77, 45.51, -24.94
CIELCh	20, 51.895, 331.277
Yxy	2.9312, 0.3396, 0.1644
Android (android.graphics.Color)	4284219477 (0xFF5C0055)
YUV	37.1980, 23.5664, 48.0614
Hunter-Lab	17.1207, 33.1505, -18.6326

Details

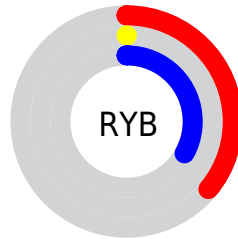
The YUV color **37.1980, 23.5664, 48.0614** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **54.8020, -23.5664, -48.0614**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5520, 19.9409, 44.2429**, and **18.0150, 10.8386, 23.6658** is the 20% darker color. If you saturate the color by 10%, you get **37.1980, 23.5664, 48.0614**, and if you desaturate by 10%, it is **42.5950, 21.3987, 43.3282**.

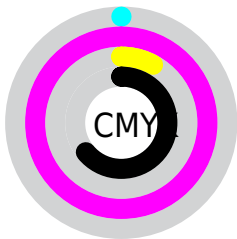
Distribution



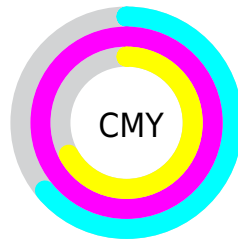
- Red (36%)
- Green (0%)
- Blue (33%)



- Red (36%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.1980, 23.5664, 48.0614 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 37.1980, 23.5664, 48.0614 by changing the saturation by 10% instead.

37.1980, 23.5664,
48.0614

37.1980, 23.5664,
48.0614

253.2390, 0.8682,
1.5444

26.6880, 16.9158,
34.4766

94.5520, 19.9409,
44.2429

18.0150, 10.8386,
23.6658

121.1500, 19.6461,
45.4725

1.9380, 7.4256,
-1.6996

147.9760, 20.2248,
46.5020

0.0000, 0.0000,
0.0000


175.1010, 20.6562,
48.1464


202.2040, 21.0984,
46.3021


219.7800, 17.3635,


30.8879


 236.2160, 9.2605,
16.4736


 37.1980, 23.5664,
48.0614

 42.5950, 21.3987,
43.3282

 47.8780, 18.7941,
38.6950

 53.8620, 16.3370,
33.4470

 59.2590, 14.1693,
28.7139

 64.5420, 11.5648,
24.0807

■ 69.9390, 9.3971,
19.3475

■ 75.3360, 7.2294,
14.6143

■ 81.3200, 4.7722,
9.3664

■ 86.6030, 2.1677,
4.7332

Harmonies

Analogous

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



45.7890, 33.6280, -5.9540



37.1980, 23.5664, 48.0614



38.3620, 4.7515, 62.8265

Triad

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



37.1980, 23.5664, 48.0614



45.2300, -22.2984, 12.0763



46.8990, 19.7698, -41.1304

Complementary

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



37.1980, 23.5664, 48.0614



54.8020, -23.5664, -48.0614

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.



41.9800, 3.4609, -36.8165



37.1980, 23.5664, 48.0614



37.9550, -18.7118, -18.3775

Square

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



37.1980, 23.5664, 48.0614



43.9220, -21.6535, 38.6564



35.6760, -15.6163, -31.2879



48.9170, 32.5789, -42.9002

Rectangle

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



37.1980, 23.5664, 48.0614



35.2130, -6.0210, 64.7112



35.6760, -15.6163, -31.2879



45.5310, 14.5282, -39.9307

Sweetspot

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



37.1980, 23.5664, 48.0614



98.5260, 9.1077, 18.8327



12.2820, 39.3010, -5.5093



47.9720, 5.9298, 11.4256



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



37.1980, 23.5664, 48.0614



48.5340, 30.7957, 62.6757



32.0680, 3.9105, 52.5604



43.0650, 1.4470, 2.5740



44.4040, 27.9018, 57.5277



95.8290, 60.7233, 123.8070

Inverse Universe

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



37.1980, 23.5664, 48.0614



48.5340, 30.7957, 62.6757



59.9320, -3.9105, -52.5604



43.0650, 1.4470, 2.5740



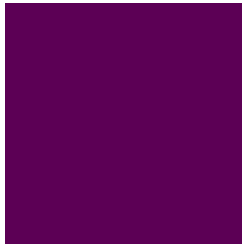
44.4040, 27.9018, 57.5277



95.8290, 60.7233, 123.8070

Previews

White Background



This preview shows how the YUV color 37.1980, 23.5664, 48.0614 looks on a white background.

Color Contrast Check

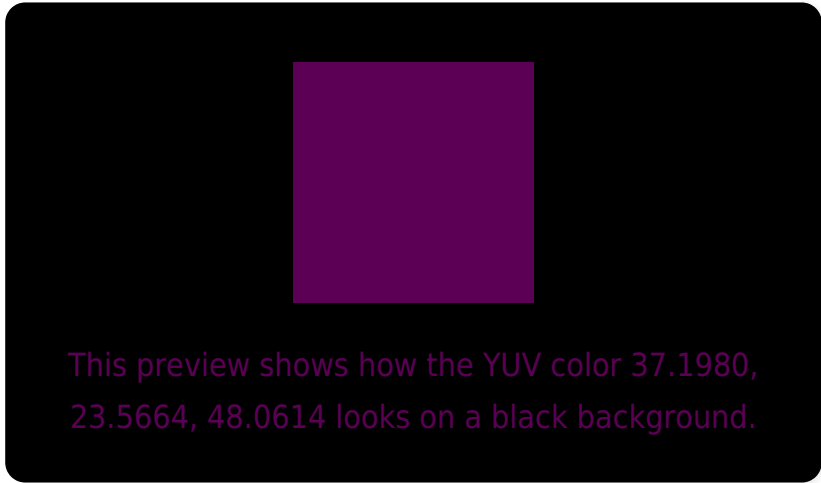
Large Text (above 18pt) WCAG AA ✓ Pass

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

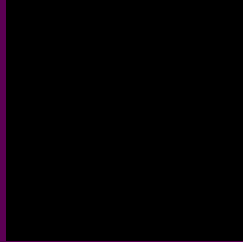
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.1980, 23.5664, 48.0614

Background



This preview shows how black text looks on a background with the YUV color 37.1980, 23.5664, 48.0614.



This preview shows how white text looks on a background with the YUV color 37.1980, 23.5664,

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



Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

51.0060, 14.2940, -11.4063

Tritanopia

49.3740, -7.0864, 32.9980

Trichromacy



Protanomaly

39.8230, 28.6813, -5.9838

Deuteranomaly

46.0610, 17.7179, 10.4705

Tritanomaly

44.9800, 3.9539, 38.6055

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2870, 8.2395, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.1980, 23.5664, 48.0614 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, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 85)  
}
```

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, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 85) }
```

Border

The CSS property to change the border of an element to YUV 37.1980, 23.5664, 48.0614 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, 0, 85) }
```

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

```
.border{ border-color:rgb(92, 0, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 0, 85); box-shadow:4px  
4px 4px 4px rgb(92, 0, 85) }
```


Background

The CSS property to change the background color of an element to YUV 37.1980, 23.5664, 48.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 85) }
```

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

```
.background{ background-color: rgb(92, 0,  
85) }
```

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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