

Converting Colors

YUV(50.8040, 7.4916, 23.8509)

Have a look what the booklet for
YUV(50.8040, 7.4916, 23.8509)
contains.

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Color

**YUV(50.8040, 7.4916,
23.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	4E2242
RGB	78, 34, 66
RGB Percent	31%, 13%, 26%
CMY	0.6941, 0.8667, 0.7412
CMYK	0.00, 0.56, 0.15, 0.69
HSL	316°, 39%, 22%
HSV	316°, 56%, 31%
XYZ	4.6973, 3.1571, 5.5161
YIQ	50.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

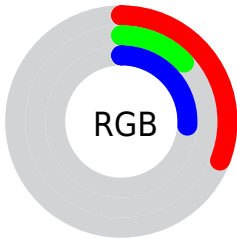
Format	Color
R_YB	78, 34, 66
Decimal	5120578
CIE _{Lab}	20.66, 25.46, -10.79
CIE _{LCh}	21, 27.653, 337.027
Yxy	3.1571, 0.3513, 0.2361
Android (android.graphics.Color)	4283310658 (0xFF4E2242)
YUV	50.8040, 7.4916, 23.8509
Hunter-Lab	17.7682, 16.0945, -5.9685




Details

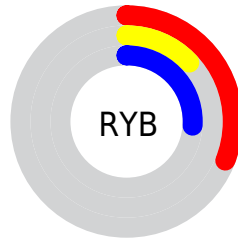
The YUV color **50.8040, 7.4916, 23.8509** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.1960, -7.4916, -23.8509**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.8150, 7.4862, 25.5952**, and **13.2010, 5.3239, 19.1177** is the 20% darker color. If you saturate the color by 10%, you get **45.8800, 8.9332, 28.1692**, and if you desaturate by 10%, it is **55.7280, 6.0501, 19.5325**.

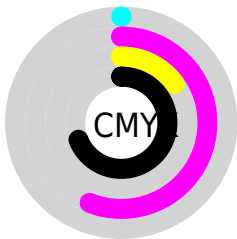
Distribution







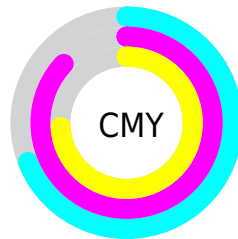
-  Red (31%)
-  Green (13%)
-  Blue (26%)






-  Red (31%)
-  Yellow (13%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (15%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (87%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8040, 7.4916, 23.8509 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 50.8040, 7.4916, 23.8509 by changing the saturation by 10% instead.

■ 50.8040, 7.4916,
23.8509

■ 50.8040, 7.4916,
23.8509

■ 255.0000, 0.0000,
0.0000

■ 27.6190, 8.0758,
23.1361

■ 98.8150, 7.4862,
25.5952

■ 13.2010, 5.3239,
19.1177

■ 123.8260, 7.4808,
27.3396

■ 0.0000, 0.0000,
0.0000

■ 150.2390, 7.7702,
27.8544

■ 176.9510, 7.9122,
28.9840

■ 204.6630, 8.0541,
30.1135

■ 229.0750, 9.8230,

22.7362

246.7820, 4.0515,
7.2072

50.8040, 7.4916,
23.8509

50.8040, 7.4916,
23.8509

45.8800, 8.9332,
28.1692

55.7280, 6.0501,
19.5325

40.9560, 10.3747,
32.4876

60.6520, 4.6086,
15.2142

36.6190, 11.5268,
36.2911

64.9890, 3.4564,
11.4106

31.5810, 12.5316,
40.7095

70.0270, 2.4517,
6.9923

29.8200, 13.3997,
42.2539

74.9510, 1.0102,
2.6740

■ 79.8750, -0.4314,
-1.6444

■ 84.7990, -1.8729,
-5.9627

■ 89.1360, -3.0250,
-9.7663

■ 94.0600, -4.4666,
-14.0846

Harmonies

Analogous

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



51.0450, 15.2608, 5.2225



50.8040, 7.4916, 23.8509



49.1550, -1.5554, 32.3131

Triad

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



50.8040, 7.4916, 23.8509



46.5500, -20.9771, 8.2877



43.0690, 15.2490, -37.7715

Complementary

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



50.8040, 7.4916, 23.8509



61.1960, -7.4916, -23.8509

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.



41.3760, 6.2236, -36.2868



50.8040, 7.4916, 23.8509



44.1610, -14.3764, -8.9112

Square

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



50.8040, 7.4916, 23.8509



48.2080, -18.8365, 21.7426



37.8080, -2.3703, -33.1576



42.7900, 21.7955, -37.5268

Rectangle

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



50.8040, 7.4916, 23.8509



48.8470, -7.8126, 32.5832



37.8080, -2.3703, -33.1576



42.3850, 12.6282, -37.1716

Sweetspot

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



50.8040, 7.4916, 23.8509



91.4510, 2.7357, 9.2515



42.6040, 17.4502, 2.9783



44.7880, 1.5835, 5.4479



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



50.8040, 7.4916, 23.8509



59.3310, 11.6688, 37.4207



48.2960, -2.1179, 26.0504



35.5380, 0.7208, 2.1592



38.9340, 17.2875, 55.3089



87.8080, 39.0417, 124.7024

Inverse Universe

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



50.8040, 7.4916, 23.8509



59.3310, 11.6688, 37.4207



63.7040, 2.1179, -26.0504



35.5380, 0.7208, 2.1592



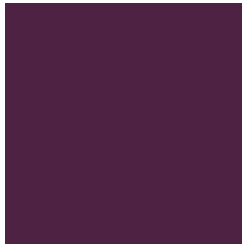
38.9340, 17.2875, 55.3089



87.8080, 39.0417, 124.7024

Previews

White Background



This preview shows how the YUV color 50.8040, 7.4916, 23.8509 looks on a white background.

Color Contrast Check

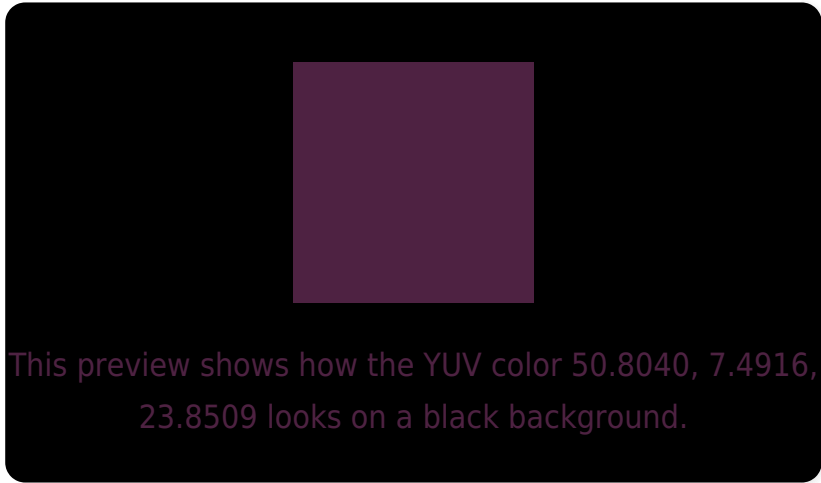
Large Text (above 18pt) WCAG AA ✓ Pass

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

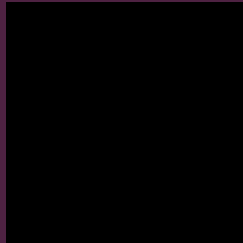
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8040, 7.4916, 23.8509

Background



This preview shows how black text looks on a background with the YUV color 50.8040, 7.4916, 23.8509.



This preview shows how white text looks on a background with the YUV color 50.8040, 7.4916,

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

50.8040, 7.4916, 23.8509

Protanopia

50.2020, 13.7044, -8.9472

Deuteranopia

51.1830, 5.8258, -1.9145



Tritanopia

50.9920, -4.4331, 21.9320

Trichromacy



Original Color

50.8040, 7.4916, 23.8509

Protanomaly

50.4100, 11.6299, 3.1484

Deuteranomaly

51.0640, 6.3774, 7.8369

Tritanomaly

51.1430, -0.0705, 22.6766

Monochromacy



Original Color

50.8040, 7.4916, 23.8509

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0380, 2.4463, 8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8040, 7.4916, 23.8509 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(78, 34, 66)` looks like.

```
.text, #text, p{  
    color:rgb(78, 34, 66)  
}
```

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(78, 34, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 34, 66) }
```

Border

The CSS property to change the border of an element to YUV 50.8040, 7.4916, 23.8509 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(78, 34, 66) }
```


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

```
.border{ border-color:rgb(78, 34, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 34, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 34, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 34, 66);  
box-shadow:4px 4px 4px 4px rgb(78, 34, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8040, 7.4916, 23.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 34, 66) }
```

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

```
.background{ background-color: rgb(78, 34,  
66) }
```

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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