

Converting Colors

YUV(79.6080, 51.9583, 41.5628)

Have a look what the booklet for
YUV(79.6080, 51.9583, 41.5628)
contains.

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Color

**YUV(79.6080, 51.9583,
41.5628)**

Conversions

Conversions Part 1

Format	Color
Hex	7F23B9
RGB	127, 35, 185
RGB Percent	50%, 14%, 73%
CMY	0.5020, 0.8627, 0.2745
CMYK	0.31, 0.81, 0.00, 0.27
HSL	277°, 68%, 43%
HSV	277°, 81%, 73%
XYZ	18.1104, 9.2169, 46.7235
YIQ	79.6080, 6.6820, 66.1540

Conversions

Conversions Part 2

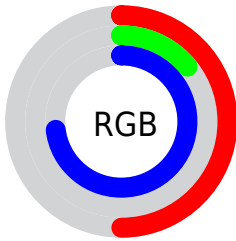
Format	Color
R_{YB}	127, 35, 185
Decimal	8332217
CIE _{Lab}	36.40, 61.86, -60.51
CIE _{LCh}	36, 86.536, 315.632
Yxy	9.2169, 0.2446, 0.1245
Android (android.graphics.Color)	4286522297 (0xFF7F23B9)
YUV	79.6080, 51.9583, 41.5628
Hunter-Lab	30.3593, 53.3527, -69.9967

Details

The YUV color **79.6080, 51.9583, 41.5628** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **140.3920, -51.9583, -41.5628**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9070, 51.8108, 42.1776**, and **35.8640, 46.9020, 29.9373** is the 20% darker color. If you saturate the color by 10%, you get **66.3620, 58.4885, 47.0405**, and if you desaturate by 10%, it is **92.8540, 45.4280, 36.0850**.

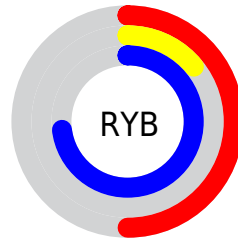
Distribution



Red (50%)

Green (14%)

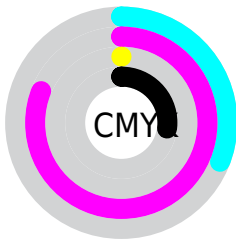
Blue (73%)



Red (50%)

Yellow (14%)

Blue (73%)

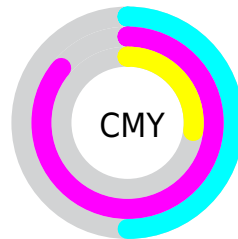


Cyan (31%)

Magenta (81%)

Yellow (0%)

Black (27%)



Cyan (50%)

Magenta (86%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6080, 51.9583, 41.5628 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 79.6080, 51.9583, 41.5628 by changing the saturation by 10% instead.

■ 79.6080, 51.9583,
41.5628

■ 79.6080, 51.9583,
41.5628

■ 255.0000, 0.0000,
0.0000

■ 47.4990, 53.9840,
45.1664

■ 136.9070, 51.8108,
42.1776

■ 35.8640, 46.9020,
29.9373

■ 162.9090, 45.4009,
44.8068

■ 23.9300, 39.9675,
14.0934

■ 188.3150, 32.8757,
48.8357

■ 9.7180, 34.6490,
-6.7687

■ 208.0400, 23.1513,
41.1839

■ 8.1450, 23.5925,
-7.1432

■ 224.4760, 15.0483,
26.7695

■ 4.9360, 13.8356,
-4.3289

■ 241.4990, 6.6560,

■ 0.6840, 2.6208,

11.8404

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 79.6080, 51.9583,
41.5628

■ 79.6080, 51.9583,
41.5628

■ 66.3620, 58.4885,
47.0405

■ 92.8540, 45.4280,
36.0850

■ 54.8770, 64.1506,
50.9739

■ 105.5130, 39.1871,
31.1221

■ 118.1720, 32.9462,
26.1592

■ 131.7170, 26.2685,
21.2962

■ 144.9630, 19.7382,
15.8184

■ 157.6220, 13.4974,
10.8555

■ 170.8680, 6.9671,
5.3778

■ 183.5270, 0.7262,
0.4148

■ 196.7730, -5.8041,
-5.0629

Harmonies

Analogous

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



74.7300, 73.0971, -65.5382



79.6080, 51.9583, 41.5628



69.8210, 25.7242, 102.7660

Triad

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



79.6080, 51.9583, 41.5628



80.5580, -39.7151, 45.1146



79.0650, 21.1670, -69.3400

Complementary

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



79.6080, 51.9583, 41.5628



140.3920, -51.9583, -41.5628

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.



69.4550, -10.5773, -60.9120



79.6080, 51.9583, 41.5628



76.4070, -37.6687, -4.7419

Square

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



79.6080, 51.9583, 41.5628



52.6240, -25.9436, 108.2008



61.6350, -30.3861, -54.0539



86.3610, 49.1220, -75.7386

Rectangle

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



79.6080, 51.9583, 41.5628



68.1650, 3.8627, 114.7423



61.6350, -30.3861, -54.0539



76.3290, 10.6838, -66.9405

Sweetspot

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



79.6080, 51.9583, 41.5628



199.0770, 20.1750, 15.7185



87.3200, 48.1562, -45.8846



95.2690, 12.1924, 9.4111



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



79.6080, 51.9583, 41.5628



76.3190, 80.6947, 64.6182



95.2400, 36.8567, 78.7195



85.5210, 3.1941, 2.1741



46.1890, 54.1368, 42.8072



8.2750, 9.7244, 7.6518

Inverse Universe

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



86.4620, 3.2232, 86.4178



86.9270, 4.9660, 134.2450



124.7600, -36.8567, -78.7195



86.0330, -0.0163, 5.2331



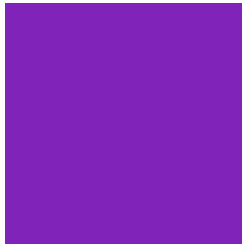
53.4840, 3.2124, 89.9065



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 79.6080, 51.9583, 41.5628 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 79.6080, 51.9583, 41.5628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

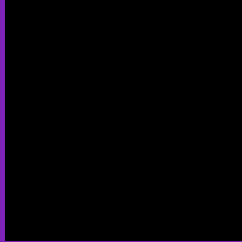
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6080, 51.9583, 41.5628

Background



This preview shows how black text looks on a background with the YUV color 79.6080, 51.9583, 41.5628.



This preview shows how white text looks on a background with the YUV color 79.6080, 51.9583,

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

79.6080, 51.9583, 41.5628

Protanopia

68.7850, 52.8570, -60.3244

Deuteranopia

69.6850, 41.0743, -61.1137



Tritanopia

87.9530, -1.9488, 18.4582

Trichromacy



Original Color

79.6080, 51.9583, 41.5628



Protanomaly

72.9020, 52.3063, -23.5931



Deuteranomaly

73.0670, 45.3230, -23.7378



Tritanomaly

84.8720, 17.8111, 27.2993

Monochromacy



Original Color

79.6080, 51.9583, 41.5628



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.0230, 18.7227, 14.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6080, 51.9583, 41.5628 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(127, 35, 185)` looks like.

```
.text, #text, p{  
    color:rgb(127, 35, 185)  
}
```

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(127, 35, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 35, 185) }
```

Border

The CSS property to change the border of an element to YUV 79.6080, 51.9583, 41.5628 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(127, 35, 185) }
```


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

```
.border{ border-color:rgb(127, 35, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 35, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 35, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 35, 185); box-shadow:4px 4px 4px 4px rgb(127, 35, 185) }
```

Background

The CSS property to change the background color of an element to YUV 79.6080, 51.9583, 41.5628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 35, 185) }
```

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

```
.background{ background-color: rgb(127, 35,  
185) }
```

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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