

Converting Colors

YUV(95.1730, 48.2287, 24.4043)

Have a look what the booklet for
YUV(95.1730, 48.2287, 24.4043)
contains.

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Color

**YUV(95.1730, 48.2287,
24.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3EC1
RGB	123, 62, 193
RGB Percent	48%, 24%, 76%
CMY	0.5176, 0.7569, 0.2431
CMYK	0.36, 0.68, 0.00, 0.24
HSL	268°, 51%, 50%
HSV	268°, 68%, 76%
XYZ	19.5166, 11.5065, 51.6444
YIQ	95.1730, -5.6950, 53.6730

Conversions

Conversions Part 2

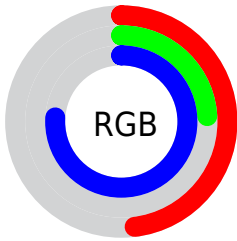
Format	Color
R_{YB}	123, 62, 193
Decimal	8076993
CIE _{Lab}	40.42, 51.79, -58.70
CIE _{LCh}	40, 78.276, 311.421
Yxy	11.5065, 0.2361, 0.1392
Android (android.graphics.Color)	4286267073 (0xFF7B3EC1)
YUV	95.1730, 48.2287, 24.4043
Hunter-Lab	33.9212, 43.3384, -66.5232

Details

The YUV color **95.1730, 48.2287, 24.4043** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **159.8270, -48.2287, -24.4043**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2380, 49.6757, 26.9783**, and **37.8140, 49.3917, 24.7191** is the 20% darker color. If you saturate the color by 10%, you get **81.0300, 55.2012, 28.0377**, and if you desaturate by 10%, it is **109.3160, 41.2562, 20.7709**.

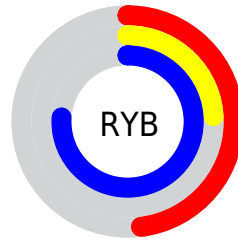
Distribution



Red (48%)

Green (24%)

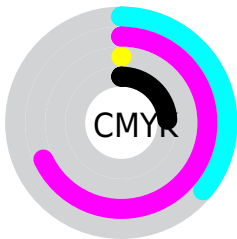
Blue (76%)



Red (48%)

Yellow (24%)

Blue (76%)

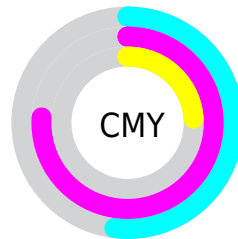


Cyan (36%)

Magenta (68%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1730, 48.2287, 24.4043 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 95.1730, 48.2287, 24.4043 by changing the saturation by 10% instead.

■ 95.1730, 48.2287,
24.4043

■ 95.1730, 48.2287,
24.4043

255.0000, 0.0000,
0.0000

■ 68.3470, 47.6499,
23.3747

■ 149.2380, 49.6757,
26.9783

■ 37.8140, 49.3917,
24.7191

■ 173.7410, 40.0607,
30.9221

■ 23.2330, 43.7621,
10.3197

■ 199.1470, 27.5355,
34.9511

■ 9.9180, 38.0014,
-8.6981

■ 219.7800, 17.3635,
30.8879

■ 7.1820, 27.5183,
-6.2986

■ 236.8030, 8.9711,
15.9588

■ 6.3210, 16.6037,
-5.5435

253.8260, 0.5788,

■ 2.5250, 7.1362,

1.0296

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 95.1730, 48.2287,
24.4043

■ 95.1730, 48.2287,
24.4043

■ 81.0300, 55.2012,
28.0377

■ 109.3160, 41.2562,
20.7709

■ 66.0010, 62.6105,
31.5711

■ 124.3450, 33.8469,
17.2374

■ 51.8580, 69.5830,
35.2045

■ 138.4880, 26.8744,
13.6040

■ 48.9120, 71.0354,
36.0342

■ 152.6310, 19.9019,
9.9706

■ 167.6600, 12.4926,
6.4372

■ 181.8030, 5.5201,
2.8038

■ 195.9460, -1.4524,
-0.8296

■ 210.3880, -8.5723,
-3.8483

■ 225.1180,
-15.8342, -7.9965

Harmonies

Analogous

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



81.8880, 70.0612, -71.8158



95.1730, 48.2287, 24.4043



71.0470, 33.0078, 99.9368

Triad

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



95.1730, 48.2287, 24.4043



89.4510, -44.0993, 51.3475



84.5930, 16.9627, -74.1881

Complementary

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



95.1730, 48.2287, 24.4043



159.8270, -48.2287, -24.4043

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.



75.0800, -11.8714, -65.8452



95.1730, 48.2287, 24.4043



87.6920, -43.2322, 6.4091

Square

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



95.1730, 48.2287, 24.4043



74.7940, -33.9154, 98.4047



66.3310, -32.7012, -58.1723



90.9600, 43.8967, -79.7719

Rectangle

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



95.1730, 48.2287, 24.4043



70.9290, 11.8670, 114.0723



66.3310, -32.7012, -58.1723



81.4980, 7.6425, -71.4737

Sweetspot

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



95.1730, 48.2287, 24.4043



212.5770, 18.4495, 9.1410



119.1980, 36.3844, -50.1626



102.6060, 11.0402, 5.6075



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



95.1730, 48.2287, 24.4043



98.5470, 74.6663, 38.1083



114.0100, 38.9421, 63.1352



89.6350, 3.6309, 2.0741



40.7790, 59.2690, 30.0118



8.2470, 12.2032, 5.9224

Inverse Universe

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



109.1490, 11.2655, 73.5373



120.1230, 17.6874, 113.9021



140.9900, -38.9421, -63.1352



90.5600, 0.7099, 5.6479



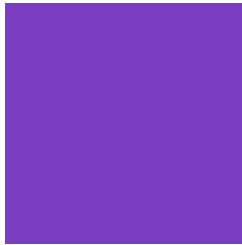
57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 95.1730, 48.2287, 24.4043 looks on a white background.

Color Contrast Check

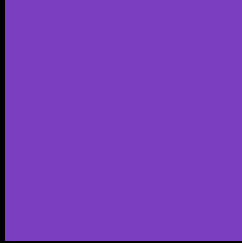
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.1730, 48.2287, 24.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

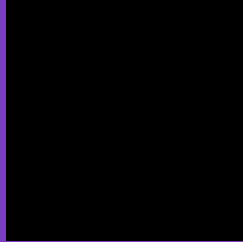
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1730, 48.2287, 24.4043

Background



This preview shows how black text looks on a background with the YUV color 95.1730, 48.2287, 24.4043.



This preview shows how white text looks on a background with the YUV color 95.1730, 48.2287,

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

95.1730, 48.2287, 24.4043

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

76.9060, 45.8953, -67.4466



Tritanopia

96.3860, 1.2887, 6.6775

Trichromacy



Original Color

95.1730, 48.2287, 24.4043

Protanomaly

83.1180, 54.6648, -33.4295

Deuteranomaly

83.6420, 46.5185, -33.8890

Tritanomaly

95.8980, 18.2913, 13.2445

Monochromacy



Original Color

95.1730, 48.2287, 24.4043

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0500, 17.7233, 8.7262

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1730, 48.2287, 24.4043 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(123, 62, 193)` looks like.

```
.text, #text, p{  
    color:rgb(123, 62, 193)  
}
```

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(123, 62, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 62, 193) }
```

Border

The CSS property to change the border of an element to YUV 95.1730, 48.2287, 24.4043 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(123, 62, 193) }
```


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

```
.border{ border-color:rgb(123, 62, 193) }
```

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

Here you see how a box with a 4 pixel rgb(123, 62, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 62, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 62, 193);  
box-shadow:4px 4px 4px 4px rgb(123, 62,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 95.1730, 48.2287, 24.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 62, 193) }
```

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

```
.background{ background-color: rgb(123, 62,  
193) }
```

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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