

Converting Colors

YUV(75.7860, 15.3885,
104.5507)

Have a look what the booklet for
YUV(75.7860, 15.3885, 104.5507)
contains.

YUV(75.7860, 15.3885, 104.5507)	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>	31

Color

**YUV(75.7860, 15.3885,
104.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	C3096B
RGB	195, 9, 107
RGB Percent	76%, 4%, 42%
CMY	0.2353, 0.9647, 0.5804
CMYK	0.00, 0.95, 0.45, 0.24
HSL	328°, 91%, 40%
HSV	328°, 95%, 76%
XYZ	25.2572, 12.8590, 15.0608
YIQ	75.7860, 79.3980, 69.9100

Conversions

Conversions Part 2

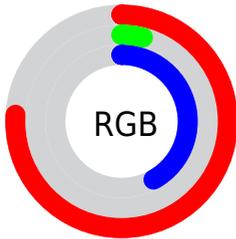
Format	Color
RYB	195, 9, 107
Decimal	12781931
CIELab	42.55, 69.08, -2.48
CIELCh	43, 69.128, 357.940
Yxy	12.8590, 0.4750, 0.2418
Android (android.graphics.Color)	4290972011 (0xFFC3096B)
YUV	75.7860, 15.3885, 104.5507
Hunter-Lab	35.8595, 62.9704, 0.2002

Details

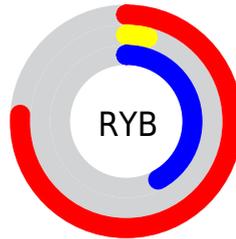
The YUV color **75.7860, 15.3885, 104.5507** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **128.2140, -15.3885, -104.5507**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9130, 5.9589, 95.6693**, and **47.2050, 6.3079, 76.9962** is the 20% darker color. If you saturate the color by 10%, you get **70.0470, 16.2458, 109.5838**, and if you desaturate by 10%, it is **87.9650, 13.8213, 93.8697**.

Distribution



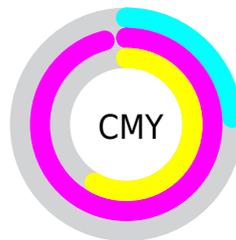
- Red (76%)
- Green (4%)
- Blue (42%)



- Red (76%)
- Yellow (4%)
- Blue (42%)



- Cyan (0%)
- Magenta (95%)
- Yellow (45%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7860, 15.3885, 104.5507 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 75.7860, 15.3885, 104.5507 by changing the saturation by 10% instead.

 75.7860, 15.3885,
104.5507

 75.7860, 15.3885,
104.5507

255.0000, 0.0000,
0.0000

 58.7970, 11.9321,
93.1400

 145.9130, 5.9589,
95.6693

 47.2050, 6.3079,
76.9962

 166.6010, 9.0707,
77.5259

 35.8410, 1.5574,
60.6524

 186.8160, 12.9087,
59.7974

 25.0750, -3.4880,
45.5382

 207.0310, 16.7467,
42.0688

 14.5800, -6.2019,
29.3093

 226.2370, 14.1802,
25.2252

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 75.7860, 15.3885,
104.5507

■ 75.7860, 15.3885,
104.5507

■ 70.0470, 16.2458,
109.5838

■ 87.9650, 13.8213,
93.8697

■ 100.7310, 11.9646,
82.6739

■ 113.0240, 10.8342,
71.8930

■ 125.7900, 8.9775,
60.6972

■ 138.5560, 7.1209,
49.5014

■ 150.7350, 5.5536,
38.8204

■ 163.6150, 4.1338,
27.5246

■ 175.7940, 2.5666,
16.8437

■ 187.9730, 0.9993,
6.1627

Harmonies

Analogous

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



97.7290, 31.6856, 57.2427



75.7860, 15.3885, 104.5507



83.7780, -16.1596, 96.6647

Triad

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



75.7860, 15.3885, 104.5507



86.3750, -42.5829, -15.2379



93.5990, 51.4697, -82.0863

Complementary

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



75.7860, 15.3885, 104.5507



128.2140, -15.3885, -104.5507

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.



90.2300, 30.9456, -79.1317



75.7860, 15.3885, 104.5507



74.2020, -20.3126, -65.0752

Square

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



75.7860, 15.3885, 104.5507



94.6130, -46.6442, 27.5264



83.6180, 5.6113, -73.3330



88.6070, 62.8047, -77.7083

Rectangle

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



75.7860, 15.3885, 104.5507



89.7670, -39.8181, 78.2573



83.6180, 5.6113, -73.3330



93.2910, 45.2125, -81.8162

Sweetspot

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



75.7860, 15.3885, 104.5507



205.2730, 6.2744, 40.9796



56.2170, 68.4200, 34.8897



99.0770, 3.4130, 25.3655



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



75.7860, 15.3885, 104.5507



90.5100, 20.9476, 141.6267



65.2980, -24.7969, 113.7487



90.5600, 0.7099, 5.6479



57.8290, 13.3953, 90.4810



11.8050, 2.5611, 18.5880

Inverse Universe

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



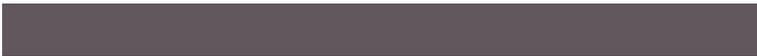
75.7860, 15.3885, 104.5507



90.5100, 20.9476, 141.6267



138.7020, 24.7969, -113.7487



90.5600, 0.7099, 5.6479



57.8290, 13.3953, 90.4810



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 75.7860, 15.3885, 104.5507 looks on a white background.

Color Contrast Check

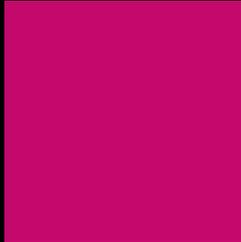
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.7860, 15.3885, 104.5507 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 75.7860, 15.3885, 104.5507

Background



This preview shows how black text looks on a background with the YUV color 75.7860, 15.3885, 104.5507.



This preview shows how white text looks on a background with the YUV color 75.7860, 15.3885,

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

75.7860, 15.3885, 104.5507

Protanopia

101.9590, 25.6562, -15.7500

Deuteranopia

103.1860, -2.0637, 8.6069



Tritanopia

87.6650, -21.5268, 91.5018

Trichromacy



Original Color

75.7860, 15.3885, 104.5507

Protanomaly

92.6100, 21.8843, 27.5290

Deuteranomaly

93.1270, 4.3744, 43.7386

Tritanomaly

83.5420, -8.1552, 95.9947

Monochromacy



Original Color

75.7860, 15.3885, 104.5507

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0230, 5.4117, 37.6908

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7860, 15.3885, 104.5507 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(195, 9, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 9, 107)  
}
```

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(195, 9, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 9, 107) }
```

Border

The CSS property to change the border of an element to YUV 75.7860, 15.3885, 104.5507 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(195, 9, 107) }
```

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

```
.border{ border-color:rgb(195, 9, 107) }
```

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

Here you see how a box with a 4 pixel rgb(195, 9, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 9, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 9, 107);  
box-shadow:4px 4px 4px 4px rgb(195, 9,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 75.7860, 15.3885, 104.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 9, 107) }
```

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

```
.background{ background-color: rgb(195, 9,  
107) }
```

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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