

Converting Colors

YUV(96.9760, -2.9462,
105.2610)

Have a look what the booklet for
YUV(96.9760, -2.9462, 105.2610)
contains.

YUV(96.9760, -2.9462, 105.2610)	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(96.9760, -2.9462,
105.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	D9255B
RGB	217, 37, 91
RGB Percent	85%, 15%, 36%
CMY	0.1490, 0.8549, 0.6431
CMYK	0.00, 0.83, 0.58, 0.15
HSL	342°, 71%, 50%
HSV	342°, 83%, 85%
XYZ	31.1652, 16.8302, 11.5035
YIQ	96.9760, 89.9460, 54.9540

Conversions

Conversions Part 2

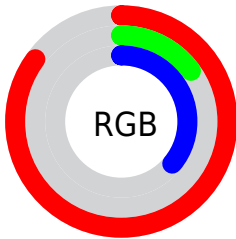
Format	Color
RYB	217, 37, 91
Decimal	14230875
CIELab	48.05, 68.73, 15.87
CIELCh	48, 70.536, 13.006
Yxy	16.8302, 0.5238, 0.2829
Android (android.graphics.Color)	4292420955 (0xFFD9255B)
YUV	96.9760, -2.9462, 105.2610
Hunter-Lab	41.0246, 63.8081, 12.0920

Details

The YUV color **96.9760, -2.9462, 105.2610** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **157.0240, 2.9462, -105.2610**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7800, -5.8075, 89.6469**, and **51.5890, -2.7554, 90.6914** is the 20% darker color. If you saturate the color by 10%, you get **82.3520, -3.1315, 118.0863**, and if you desaturate by 10%, it is **111.6000, -2.7608, 92.4358**.

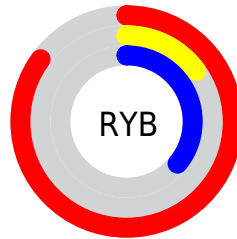
Distribution



Red (85%)

Green (15%)

Blue (36%)



Red (85%)

Yellow (15%)

Blue (36%)

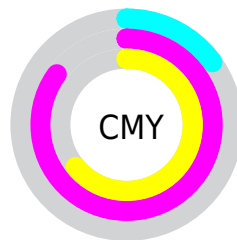


Cyan (0%)

Magenta (83%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (85%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9760, -2.9462, 105.2610 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 96.9760, -2.9462, 105.2610 by changing the saturation by 10% instead.


 96.9760, -2.9462,
105.2610


 96.9760, -2.9462,
105.2610


255.0000, 0.0000,
0.0000

 63.3660, 2.2846,
107.5500


 152.7800, -5.8075,
89.6469


 51.5890, -2.7554,
90.6914


 172.7670, -2.8431,
72.1183

 40.0400, -6.9217,
73.6329


 193.4550, 0.2687,
53.9750

 28.2200, -13.4195,
57.6891

 213.6700, 4.1067,
36.2464

 19.7770, -8.2711,
39.6606

 233.8850, 7.9447,
18.5179

 9.3830, -4.1328,
18.9581

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 96.9760, -2.9462,
105.2610

■ 96.9760, -2.9462,
105.2610

■ 82.3520, -3.1315,
118.0863

■ 111.6000, -2.7608,
92.4358

■ 72.2930, -3.5954,
126.9080

■ 125.6370, -2.2860,
80.1254

■ 140.3750, -1.6639,
67.2001

■ 154.9990, -1.4785,
54.3749

■ 169.6230, -1.2931,
41.5496

■ 183.6600, -0.8184,
29.2392

■ 198.2840, -0.6330,
16.4139

■ 213.0220, -0.0108,
3.4887

■ 227.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



105.6740, 21.8527, 84.4779



96.9760, -2.9462, 105.2610



104.0760, -35.0405, 85.8793

Triad

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



96.9760, -2.9462, 105.2610



88.8460, -43.8011, -44.5919



102.4160, 62.4059, -89.8188

Complementary

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



96.9760, -2.9462, 105.2610



157.0240, 2.9462, -105.2610

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.



103.2360, 45.2397, -90.5380



96.9760, -2.9462, 105.2610



89.7840, -6.3025, -78.7406

Square

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



96.9760, -2.9462, 105.2610



104.8250, -51.6787, 8.9235



98.0260, 20.2002, -85.9688



92.7790, 68.6360, -81.3672

Rectangle

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



96.9760, -2.9462, 105.2610



106.0630, -52.2891, 64.8427



98.0260, 20.2002, -85.9688



103.8520, 57.7540, -91.0782

Sweetspot

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



96.9760, -2.9462, 105.2610



212.3020, -1.1349, 37.4461



95.1940, 60.0504, 59.4659



102.0290, -0.5073, 22.7766



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.



96.9760, -2.9462, 105.2610



85.0230, -3.9553, 149.0698



111.9520, -36.9513, 92.1271



102.6310, -0.3111, 6.4626



57.6550, -2.7879, 101.1576



15.3500, -0.6655, 26.8800

Inverse Universe

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



96.9760, -2.9462, 105.2610



85.0230, -3.9553, 149.0698



142.0480, 36.9513, -92.1271



102.6310, -0.3111, 6.4626



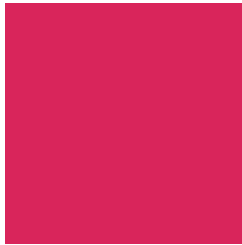
57.6550, -2.7879, 101.1576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 96.9760, -2.9462, 105.2610 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 96.9760, -2.9462, 105.2610 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 96.9760, -2.9462, 105.2610

Background



This preview shows how black text looks on a background with the YUV color 96.9760, -2.9462, 105.2610.



This preview shows how white text looks on a background with the YUV color 96.9760, -2.9462, 105.2610.

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

96.9760, -2.9462, 105.2610

Protanopia

115.1830, 5.8258, -1.9145

Deuteranopia

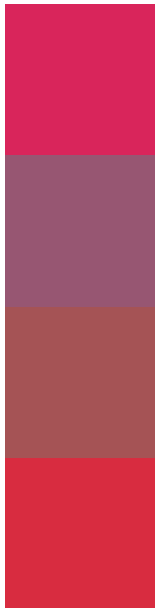
114.5820, -16.0629, 18.7836



Tritanopia

98.0470, -24.1802, 102.5678

Trichromacy



Original Color

96.9760, -2.9462, 105.2610

Protanomaly

108.6270, 2.6489, 37.1611

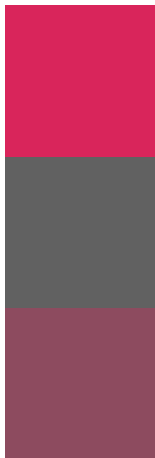
Deuteranomaly

107.7460, -11.2138, 50.2118

Tritanomaly

97.7080, -16.6180, 103.7421

Monochromacy



Original Color

96.9760, -2.9462, 105.2610

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0140, -0.9929, 38.5757

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9760, -2.9462, 105.2610 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(217, 37, 91)` looks like.

```
.text, #text, p{  
    color:rgb(217, 37, 91)  
}
```

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(217, 37, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 37, 91) }
```

Border

The CSS property to change the border of an element to YUV 96.9760, -2.9462, 105.2610 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(217, 37, 91) }
```


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

```
.border{ border-color:rgb(217, 37, 91) }
```

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

Here you see how a box with a 4 pixel rgb(217, 37, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 37, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 37, 91);  
box-shadow:4px 4px 4px 4px rgb(217, 37,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 96.9760, -2.9462, 105.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 37, 91) }
```

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

```
.background{ background-color: rgb(217, 37,  
91) }
```

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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