

Converting Colors

YUV(75.6350, 7.5749, 90.6511)

Have a look what the booklet for
YUV(75.6350, 7.5749, 90.6511)
contains.

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Color

**YUV(75.6350, 7.5749,
90.6511)**

Conversions

Conversions Part 1

Format	Color
Hex	B3145B
RGB	179, 20, 91
RGB Percent	70%, 8%, 36%
CMY	0.2980, 0.9216, 0.6431
CMYK	0.00, 0.89, 0.49, 0.30
HSL	333°, 80%, 39%
HSV	333°, 89%, 70%
XYZ	20.7289, 10.8393, 10.8972
YIQ	75.6350, 71.9730, 55.7890

Conversions

Conversions Part 2

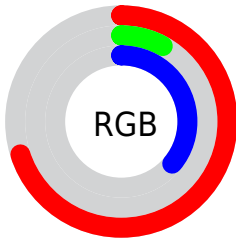
Format	Color
R_{YB}	179, 20, 91
Decimal	11736155
CIE _{Lab}	39.31, 62.57, 2.50
CIE _{LCh}	39, 62.616, 2.291
Yxy	10.8393, 0.4881, 0.2553
Android (android.graphics.Color)	4289926235 (0xFFB3145B)
YUV	75.6350, 7.5749, 90.6511
Hunter-Lab	32.9232, 54.7706, 3.4219

Details

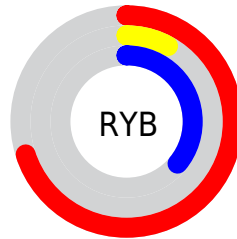
The YUV color **75.6350, 7.5749, 90.6511** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **123.3650, -7.5749, -90.6511**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4900, 0.7444, 88.1473**, and **41.1240, 2.4039, 69.1743** is the 20% darker color. If you saturate the color by 10%, you get **63.9290, 8.4160, 100.9173**, and if you desaturate by 10%, it is **87.3410, 6.7339, 80.3849**.

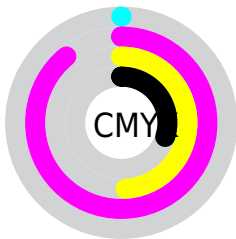
Distribution



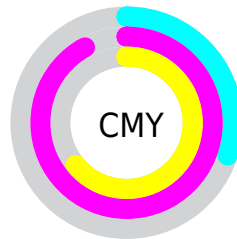
- Red (70%)
- Green (8%)
- Blue (36%)



- Red (70%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (89%)
- Yellow (49%)
- Black (30%)




- Cyan (30%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.6350, 7.5749, 90.6511 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 75.6350, 7.5749, 90.6511 by changing the saturation by 10% instead.


 75.6350, 7.5749,
90.6511


 75.6350, 7.5749,
90.6511


255.0000, 0.0000,
0.0000


 52.3030, 7.7386,
84.8033


 139.4900, 0.7444,
88.1473


 41.1240, 2.4039,
69.1743


 163.9620, 1.4977,
79.8403


 30.1730, -2.0573,
53.3453

 183.4760, 5.1883,
62.7265

 19.7770, -8.2711,
39.6606

 203.6910, 9.0263,
44.9980

 9.0840, -3.9854,
18.3433

 224.0200, 13.3011,
27.1695

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,

11.8404

■ 75.6350, 7.5749,
90.6511

■ 75.6350, 7.5749,
90.6511

■ 63.9290, 8.4160,
100.9173

■ 87.3410, 6.7339,
80.3849

■ 62.6410, 8.5580,
102.0468

■ 99.0470, 5.8928,
70.1188

■ 110.7530, 5.0518,
59.8526

■ 122.4590, 4.2107,
49.5865

■ 133.5780, 3.6590,
39.8351

■ 145.1700, 2.3812,
29.6689

■ 156.8760, 1.5401,
19.4027

■ 168.5820, 0.6991,
9.1366

■ 180.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



89.4210, 25.4284, 57.5128



75.6350, 7.5749, 90.6511



81.0660, -19.7525, 82.3801

Triad

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



75.6350, 7.5749, 90.6511



78.6780, -38.7883, -19.0116



85.4320, 48.1010, -74.9239

Complementary

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



75.6350, 7.5749, 90.6511



123.3650, -7.5749, -90.6511

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.



83.5620, 30.7819, -73.2839



75.6350, 7.5749, 90.6511



69.8310, -14.2137, -61.2418

Square

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



75.6350, 7.5749, 90.6511



86.8940, -42.8387, 20.2640



77.7480, 8.5052, -68.1850



79.8700, 57.2521, -70.0460

Rectangle

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



75.6350, 7.5749, 90.6511



84.1630, -40.5064, 65.6320



77.7480, 8.5052, -68.1850



85.4660, 43.1543, -74.9537

Sweetspot

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



75.6350, 7.5749, 90.6511



191.0290, 2.9437, 35.9316



64.1390, 56.6265, 37.5891



93.0010, 1.9715, 21.0471



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



75.6350, 7.5749, 90.6511



81.2240, 11.2286, 132.2306



72.2370, -25.7528, 93.6312



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Inverse Universe

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



75.6350, 7.5749, 90.6511



81.2240, 11.2286, 132.2306



126.7630, 25.7528, -93.6312



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 75.6350, 7.5749, 90.6511 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 75.6350, 7.5749, 90.6511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

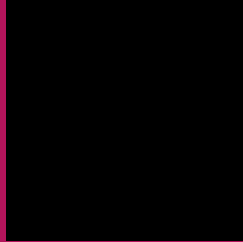
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6350, 7.5749, 90.6511

Background



This preview shows how black text looks on a background with the YUV color 75.6350, 7.5749, 90.6511.



This preview shows how white text looks on a background with the YUV color 75.6350, 7.5749,

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

75.6350, 7.5749, 90.6511

Protanopia

94.4130, 17.0514, -9.1322

Deuteranopia

94.9860, -5.4161, 10.5363



Tritanopia

80.9630, -20.1948, 84.2244

Trichromacy



Original Color

75.6350, 7.5749, 90.6511

Protanomaly

87.4330, 13.5905, 27.6843

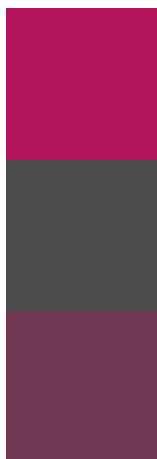
Deuteranomaly

87.8400, -0.4141, 39.6053

Tritanomaly

79.3190, -10.0173, 86.5432

Monochromacy



Original Color

75.6350, 7.5749, 90.6511

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8930, 2.5178, 32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6350, 7.5749, 90.6511 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(179, 20, 91)` looks like.

```
.text, #text, p{  
    color:rgb(179, 20, 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(179, 20, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 20, 91) }
```

Border

The CSS property to change the border of an element to YUV 75.6350, 7.5749, 90.6511 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(179, 20, 91) }
```


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

```
.border{ border-color:rgb(179, 20, 91) }
```

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

Here you see how a box with a 4 pixel rgb(179, 20, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 20, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 20, 91);  
box-shadow:4px 4px 4px 4px rgb(179, 20,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 75.6350, 7.5749, 90.6511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 20, 91) }
```

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

```
.background{ background-color: rgb(179, 20,  
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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