

Converting Colors

YUV(76.7800, -2.3565,
102.8019)

Have a look what the booklet for
YUV(76.7800, -2.3565, 102.8019)
contains.

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Color

**YUV(76.7800, -2.3565,
102.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	C21248
RGB	194, 18, 72
RGB Percent	76%, 7%, 28%
CMY	0.2392, 0.9294, 0.7176
CMYK	0.00, 0.91, 0.63, 0.24
HSL	342°, 83%, 42%
HSV	342°, 91%, 76%
XYZ	23.6341, 12.3698, 7.2728
YIQ	76.7800, 87.5620, 54.1060

Conversions

Conversions Part 2

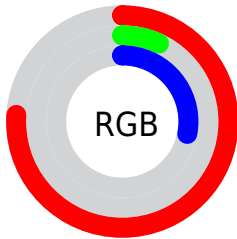
Format	Color
RYB	194, 18, 72
Decimal	12718664
CIELab	41.80, 65.29, 18.50
CIElCh	42, 67.858, 15.824
Yxy	12.3698, 0.5461, 0.2858
Android (android.graphics.Color)	4290908744 (0xFFC21248)
YUV	76.7800, -2.3565, 102.8019
Hunter-Lab	35.1708, 58.4000, 12.3591

Details

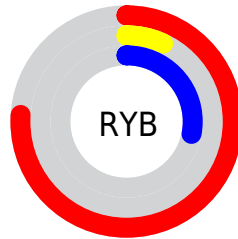
The YUV color **76.7800, -2.3565, 102.8019** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **135.2200, 2.3565, -102.8019**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1680, -10.9288, 98.9537**, and **43.0730, -6.9380, 78.8660** is the 20% darker color. If you saturate the color by 10%, you get **64.8460, -2.3891, 113.2681**, and if you desaturate by 10%, it is **89.4150, -2.1766, 91.7210**.

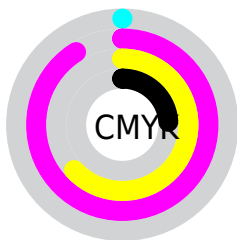
Distribution



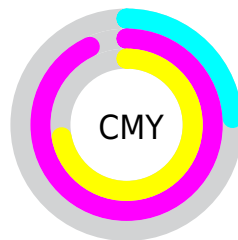
- Red (76%)
- Green (7%)
- Blue (28%)



- Red (76%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (91%)
- Yellow (63%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7800, -2.3565, 102.8019 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 76.7800, -2.3565, 102.8019 by changing the saturation by 10% instead.

■ 76.7800, -2.3565,
102.8019

■ 76.7800, -2.3565,
102.8019

■ 255.0000, 0.0000,
0.0000

■ 54.4370, -2.1874,
95.2098

■ 142.1680,
-10.9288, 98.9537

■ 43.0730, -6.9380,
78.8660

■ 162.7420, -8.2538,
80.9103

■ 31.2530, -13.4357,
62.9221

■ 182.1420, -5.0000,
63.8965

■ 22.1690, -9.4503,
44.5788

■ 202.2430, -1.5988,
46.2679

■ 12.9710, -5.9017,
26.3354

■ 222.4580, 2.2392,
28.5393

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

■ 76.7800, -2.3565,
102.8019

■ 76.7800, -2.3565,
102.8019

■ 64.8460, -2.3891,
113.2681

■ 89.4150, -2.1766,
91.7210

■ 102.7510, -1.8492,
80.0254

■ 115.3860, -1.6693,
68.9445

■ 128.7220, -1.3419,
57.2488

■ 141.3570, -1.1620,
46.1679

■ 154.1060, -0.5453,
34.9870

■ 167.3280, -0.6547,
23.3913

■ 180.0770, -0.0380,
12.2105

■ 193.2990, -0.1474,
0.6148

Harmonies

Analogous

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



85.1580, 21.1211, 85.8074



76.7800, -2.3565, 102.8019



88.3910, -36.1818, 78.5871

Triad

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



76.7800, -2.3565, 102.8019



68.0920, -33.5694, -59.7167



90.0430, 58.1528, -78.9677

Complementary

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



76.7800, -2.3565, 102.8019



135.2200, 2.3565, -102.8019

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.



91.3190, 42.7337, -80.0868



76.7800, -2.3565, 102.8019



78.8930, -4.8772, -69.1892

Square

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



76.7800, -2.3565, 102.8019



89.4420, -44.0949, 3.1204



86.2060, 20.6044, -75.6027



80.0640, 63.0724, -70.2161

Rectangle

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



76.7800, -2.3565, 102.8019



92.1310, -45.4206, 55.1361



86.2060, 20.6044, -75.6027



91.0060, 54.2270, -79.8123

Sweetspot

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



76.7800, -2.3565, 102.8019



206.7260, -0.8509, 39.7053



73.9440, 59.1876, 56.1771



100.6270, -0.8021, 24.0061



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.



76.7800, -2.3565, 102.8019



84.1260, -3.5131, 147.2255



89.4080, -35.2041, 91.7272



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Inverse Universe

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



76.7800, -2.3565, 102.8019



84.1260, -3.5131, 147.2255



122.5920, 35.2041, -91.7272



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 76.7800, -2.3565, 102.8019 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 76.7800, -2.3565, 102.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

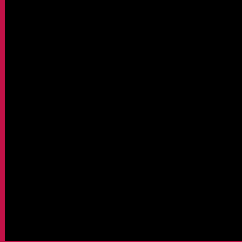
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7800, -2.3565, 102.8019

Background



This preview shows how black text looks on a background with the YUV color 76.7800, -2.3565, 102.8019.



This preview shows how white text looks on a background with the YUV color 76.7800, -2.3565,

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

76.7800, -2.3565, 102.8019

Protanopia

100.7550, 1.5998, 0.2149

Deuteranopia

99.8270, -17.6627, 18.5687



Tritanopia

80.6120, -24.4587, 98.5643

Trichromacy



Original Color

76.7800, -2.3565, 102.8019

Protanomaly

91.9430, 0.0281, 37.7610

Deuteranomaly

91.8060, -12.2294, 49.2821

Tritanomaly

79.3870, -16.4598, 99.6386

Monochromacy



Original Color

76.7800, -2.3565, 102.8019

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3020, -1.1349, 37.4461

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7800, -2.3565, 102.8019 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(194, 18, 72)` looks like.

```
.text, #text, p{  
    color:rgb(194, 18, 72)  
}
```

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(194, 18, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 18, 72) }
```

Border

The CSS property to change the border of an element to YUV 76.7800, -2.3565, 102.8019 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(194, 18, 72) }
```


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

```
.border{ border-color:rgb(194, 18, 72) }
```

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

Here you see how a box with a 4 pixel rgb(194, 18, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 18, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 18, 72);  
box-shadow:4px 4px 4px 4px rgb(194, 18,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 76.7800, -2.3565, 102.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 18, 72) }
```

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

```
.background{ background-color: rgb(194, 18,  
72) }
```

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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