

Converting Colors

YUV(78.2250, -0.6039,
100.6577)

Have a look what the booklet for
YUV(78.2250, -0.6039, 100.6577)
contains.

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Color

**YUV(78.2250, -0.6039,
100.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	C1144D
RGB	193, 20, 77
RGB Percent	76%, 8%, 30%
CMY	0.2431, 0.9216, 0.6980
CMYK	0.00, 0.90, 0.60, 0.24
HSL	340°, 81%, 42%
HSV	340°, 90%, 76%
XYZ	23.5820, 12.3736, 8.1666
YIQ	78.2250, 84.8110, 54.4030

Conversions

Conversions Part 2

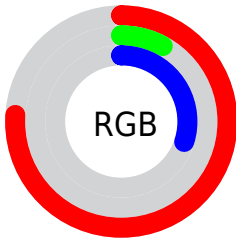
Format	Color
RYB	193, 20, 77
Decimal	12653645
CIELab	41.80, 65.03, 15.32
CIElCh	42, 66.809, 13.254
Yxy	12.3736, 0.5345, 0.2804
Android (android.graphics.Color)	4290843725 (0xFFC1144D)
YUV	78.2250, -0.6039, 100.6577
Hunter-Lab	35.1761, 58.1080, 10.8583

Details

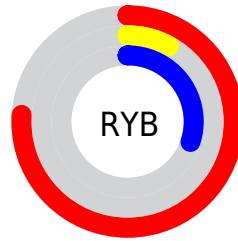
The YUV color **78.2250, -0.6039, 100.6577** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **134.7750, 0.6039, -100.6577**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4390, -8.5974, 97.8390**, and **43.3440, -4.6066, 77.7513** is the 20% darker color. If you saturate the color by 10%, you get **65.5900, -0.7839, 111.7386**, and if you desaturate by 10%, it is **90.8600, -0.4240, 89.5768**.

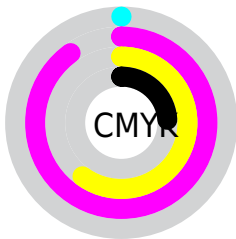
Distribution



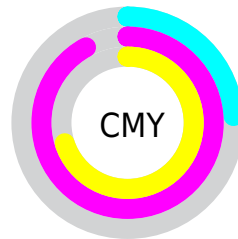
- Red (76%)
- Green (8%)
- Blue (30%)



- Red (76%)
- Yellow (8%)
- Blue (30%)



- Cyan (0%)
- Magenta (90%)
- Yellow (60%)
- Black (24%)





- Cyan (24%)
- Magenta (92%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.2250, -0.6039, 100.6577 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 78.2250, -0.6039, 100.6577 by changing the saturation by 10% instead.


 78.2250, -0.6039,
100.6577


 78.2250, -0.6039,
100.6577


255.0000, 0.0000,
0.0000


 54.7080, 0.1440,
94.0951


 143.4390, -8.5974,
97.8390


 43.3440, -4.6066,
77.7513


 163.3120, -6.0698,
80.4104


 31.8660, -9.7939,
61.5075

 183.4130, -2.6686,
62.7818

 22.1690, -9.4503,
44.5788

 203.5140, 0.7326,
45.1532

 12.6720, -5.7543,
25.7207

 223.7290, 4.5706,
27.4247

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

■ 78.2250, -0.6039,
100.6577

■ 78.2250, -0.6039,
100.6577

■ 65.5900, -0.7839,
111.7386

■ 90.8600, -0.4240,
89.5768

■ 65.0030, -0.4945,
112.2534

■ 104.0820, -0.5334,
77.9811

■ 116.7170, -0.3535,
66.9002

■ 129.3520, -0.1735,
55.8193

■ 141.9870, 0.0064,
44.7384

■ 155.2090, -0.1030,
33.1427

■ 167.8440, 0.0769,
22.0618

■ 180.4790, 0.2569,
10.9809

■ 193.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



87.9400, 21.7216, 79.8596



78.2250, -0.6039, 100.6577



88.4280, -32.2560, 79.4316

Triad

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



78.2250, -0.6039, 100.6577



74.0830, -36.5229, -45.6768



90.2880, 56.5530, -79.1826

Complementary

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



78.2250, -0.6039, 100.6577



134.7750, 0.6039, -100.6577

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.



90.8630, 40.9865, -79.6869



78.2250, -0.6039, 100.6577



77.8500, -6.3350, -68.2745

Square

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



78.2250, -0.6039, 100.6577



90.3500, -44.5425, 6.7091



85.5220, 17.9837, -75.0028



81.1240, 62.0569, -71.1457

Rectangle

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



78.2250, -0.6039, 100.6577



91.8540, -45.2840, 58.0100



85.5220, 17.9837, -75.0028



91.1370, 52.1905, -79.9271

Sweetspot

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



78.2250, -0.6039, 100.6577



204.9540, 0.0227, 39.5053



74.1070, 58.6142, 53.4032



98.4420, -0.2179, 23.2914



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.



78.2250, -0.6039, 100.6577



84.0980, -1.0343, 145.4961



88.7500, -33.8937, 91.4273



90.3320, -0.1637, 5.8478



54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Inverse Universe

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



78.2250, -0.6039, 100.6577



84.0980, -1.0343, 145.4961



124.2500, 33.8937, -91.4273



90.3320, -0.1637, 5.8478



54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 78.2250, -0.6039, 100.6577 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 78.2250, -0.6039, 100.6577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

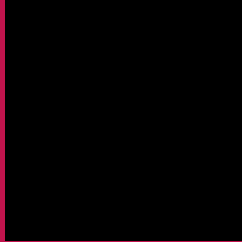
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2250, -0.6039, 100.6577

Background



This preview shows how black text looks on a background with the YUV color 78.2250, -0.6039, 100.6577.



This preview shows how white text looks on a background with the YUV color 78.2250, -0.6039,

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

78.2250, -0.6039, 100.6577

Protanopia

100.3680, 5.2416, -1.1997

Deuteranopia

100.0980, -15.3313, 17.4541



Tritanopia

81.5300, -23.4323, 96.0052

Trichromacy



Original Color

78.2250, -0.6039, 100.6577

Protanomaly

92.1430, 3.3805, 35.8316

Deuteranomaly

92.0770, -9.8980, 48.1675

Tritanomaly

80.7180, -15.1440, 97.5943

Monochromacy



Original Color

78.2250, -0.6039, 100.6577

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2310, -0.1139, 36.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2250, -0.6039, 100.6577 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(193, 20, 77)` looks like.

```
.text, #text, p{  
    color:rgb(193, 20, 77)  
}
```

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(193, 20, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 20, 77) }
```

Border

The CSS property to change the border of an element to YUV 78.2250, -0.6039, 100.6577 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(193, 20, 77) }
```


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

```
.border{ border-color:rgb(193, 20, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 20, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 20, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 20, 77);  
box-shadow:4px 4px 4px 4px rgb(193, 20,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 78.2250, -0.6039, 100.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 20, 77) }
```

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

```
.background{ background-color: rgb(193, 20,  
77) }
```

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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