

Converting Colors

YUV(96.5800, -12.6109,
78.4213)

Have a look what the booklet for
YUV(96.5800, -12.6109, 78.4213)
contains.

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Color

**YUV(96.5800, -12.6109,
78.4213)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3847
RGB	186, 56, 71
RGB Percent	73%, 22%, 28%
CMY	0.2706, 0.7804, 0.7216
CMYK	0.00, 0.70, 0.62, 0.27
HSL	353°, 54%, 47%
HSV	353°, 70%, 73%
XYZ	22.8012, 13.7224, 7.4082
YIQ	96.5800, 72.6650, 32.2250

Conversions

Conversions Part 2

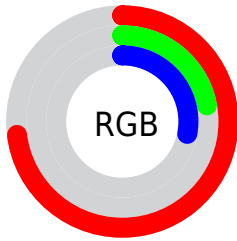
Format	Color
R_{YB}	186, 56, 71
Decimal	12204103
CIE _{Lab}	43.83, 52.78, 21.51
CIE _{LCh}	44, 56.995, 22.173
Yxy	13.7224, 0.5190, 0.3124
Android (android.graphics.Color)	4290394183 (0xFFBA3847)
YUV	96.5800, -12.6109, 78.4213
Hunter-Lab	37.0437, 45.0440, 14.0735

Details

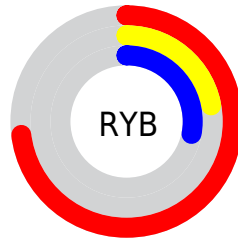
The YUV color **96.5800, -12.6109, 78.4213** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **145.4200, 12.6109, -78.4213**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5760, -16.5530, 82.8098**, and **40.8660, -6.3429, 74.6625** is the 20% darker color. If you saturate the color by 10%, you get **83.6030, -14.1013, 89.8022**, and if you desaturate by 10%, it is **109.5570, -11.1206, 67.0405**.

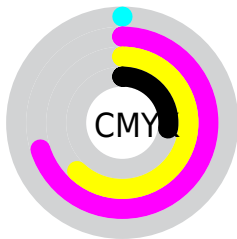
Distribution



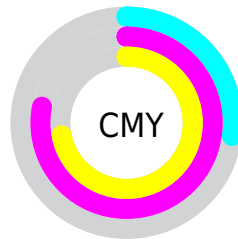
- Red (73%)
- Green (22%)
- Blue (28%)



- Red (73%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5800, -12.6109, 78.4213 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 96.5800, -12.6109, 78.4213 by changing the saturation by 10% instead.

■ 96.5800, -12.6109,
78.4213

■ 96.5800, -12.6109,
78.4213

255.0000, 0.0000,
0.0000

■ 66.3180, -8.5378,
78.6511

■ 152.5760,
-16.5530, 82.8098

■ 40.8660, -6.3429,
74.6625

■ 174.3680,
-14.4784, 70.7143

■ 29.3450, -12.9881,
59.3334

■ 193.7680,
-11.2246, 53.7005

■ 20.4460, -9.5869,
41.7049

■ 213.3960, -7.0972,
36.4867

■ 11.7750, -5.3121,
23.8763

■ 233.6110, -3.2592,
18.7582

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 96.5800, -12.6109,
78.4213

■ 96.5800, -12.6109,
78.4213

■ 83.6030, -14.1013,
89.8022

■ 109.5570,
-11.1206, 67.0405

■ 71.0990, -16.3178,
100.7682

■ 122.0610, -8.9041,
56.0745

■ 58.1220, -17.8081,
112.1490

■ 135.0380, -7.4137,
44.6937

■ 58.0080, -18.2449,
112.2490

■ 147.5420, -5.1972,
33.7277

■ 160.5190, -3.7069,
22.3468

■ 173.6100, -1.7797,
10.8660

■ 186.0000, 0.0000,
0.0000

■ 199.0910, 1.9271,
-11.4808

■ 211.4810, 3.7069,
-22.3468

Harmonies

Analogous

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



98.6820, 9.5238, 72.1929



96.5800, -12.6109, 78.4213



98.8080, -35.4013, 61.5584

Triad

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



96.5800, -12.6109, 78.4213



79.8980, -19.1767, -56.0385



88.9030, 53.7848, -77.9679

Complementary

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



96.5800, -12.6109, 78.4213



145.4200, 12.6109, -78.4213

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.



91.9060, 42.4443, -80.6016



96.5800, -12.6109, 78.4213



82.9340, 2.9905, -72.7331

Square

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



96.5800, -12.6109, 78.4213



93.2520, -45.9732, -1.0980



89.1070, 24.1042, -78.1468



100.3660, 45.1756, -23.1230

Rectangle

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



96.5800, -12.6109, 78.4213



97.6690, -48.1508, 44.1403



89.1070, 24.1042, -78.1468



90.7950, 50.8801, -79.6272

Sweetspot

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



96.5800, -12.6109, 78.4213



206.9330, -4.8970, 30.7538



105.2050, 39.8319, 57.7022



101.3120, -3.1118, 18.1434



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



96.5800, -12.6109, 78.4213



102.3190, -19.8773, 122.5002



124.2200, -33.6325, 54.1811



85.8050, -0.8899, 5.4330



48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138

Inverse Universe

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



96.5800, -12.6109, 78.4213



102.3190, -19.8773, 122.5002



117.7800, 33.6325, -54.1811



85.8050, -0.8899, 5.4330



48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 96.5800, -12.6109, 78.4213 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 96.5800, -12.6109, 78.4213 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 96.5800, -12.6109, 78.4213

Background



This preview shows how black text looks on a background with the YUV color 96.5800, -12.6109, 78.4213.

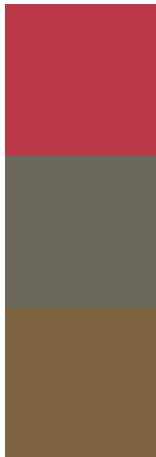


This preview shows how white text looks on a background with the YUV color 96.5800, -12.6109,

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

96.5800, -12.6109, 78.4213

Protanopia

104.1270, -5.9786, 4.2736

Deuteranopia

103.6700, -19.5573, 19.5834



Tritanopia

96.6140, -17.5577, 78.3915

Trichromacy



Original Color

96.5800, -12.6109, 78.4213

Protanomaly

101.6080, -8.6807, 31.0388

Deuteranomaly

101.1980, -16.8596, 41.0454

Tritanomaly

96.4830, -15.5211, 78.5064

Monochromacy



Original Color

96.5800, -12.6109, 78.4213

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7370, -4.3073, 28.2947

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5800, -12.6109, 78.4213 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(186, 56, 71)` looks like.

```
.text, #text, p{  
    color:rgb(186, 56, 71)  
}
```

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(186, 56, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 56, 71) }
```

Border

The CSS property to change the border of an element to YUV 96.5800, -12.6109, 78.4213 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(186, 56, 71) }
```


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

```
.border{ border-color:rgb(186, 56, 71) }
```

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

Here you see how a box with a 4 pixel rgb(186, 56, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 56, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 56, 71);  
box-shadow:4px 4px 4px 4px rgb(186, 56,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 96.5800, -12.6109, 78.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 56, 71) }
```

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

```
.background{ background-color: rgb(186, 56,  
71) }
```

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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